## **TABLE OF CONTENTS**

## 1. Controller Specifications

- 2. Size, Weight, Acoustic, Power
  - 2.1 Size, Weight, Acoustic, Power for FAS2720
  - 2.2 Size, Weight, Acoustic, Power for FAS2750
  - 2.3 Size, Weight, Acoustic, Power for FAS500f
  - 2.4 Size, Weight, Acoustic, Power for FAS8300
  - 2.5 Size, Weight, Acoustic, Power for FAS8700
  - 2.6 Size, Weight, Acoustic, Power for FAS9000

## 3. Alternate View Images

- 3.1 Alternate View Image of FAS2720
- 3.2 Alternate View Image of FAS2750
- 3.3 Alternate View Image of FAS500f
- 3.4 Alternate View Image of FAS8300
- 3.5 Alternate View Image of FAS8700
- 3.6 Alternate View Image of FAS9000

	FAS2720 10GBASE-T Single Chassis	FAS2720 UTA2 Single Chassis HA	FAS2750 10GBASE-T Single Chassis
	HA Pair	Pair	HA Pair
			<u>.</u>
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits	ONTAF 9.9.1F4	ONTAF 9.5.1F4	ONTAF 3.3.1F4
Max Number of Drives (Total)	144	144	144
Max Number of Internal Drives	12	12	24
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	144	144	144
Max Number of SAS Drives	144	144	144
Max Number of SATA Drives	144	144	144
Max Number of SSD Drives Max Number of DS212C	138	138	144
Shelves	1 internal + 9 external	1 internal + 9 external	9 external
Max Number of DS2246 Shelves	6 external	6 external	5 external
Max Number of DS224C Shelves	6 external	6 external	1 internal + 5 external
Max Number of DS4243 Shelves	6 external	6 external	5 external
Max Number of DS4246 Shelves	6 external	6 external	5 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	2 external	2 external	2 external
Capacity Limits  Marketing Maximum Raw	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Capacity	2,304,000	2,304,000	1,963,200
Effective Capacity Core Cluster Limits	10,226,304 Scope:HA Pair	10,226,304 Scope:HA Pair	8,713,663.20 Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	512	512	512
NAS	012	012	012
Maximum number of LIFs - NAS	512	512	512
Maximum number of connections - NAS	100,000	100,000	100,000
Maximum number of flexible volumes - NAS	2,000	2,000	2,000
Maximum number of flexible volumes with DPO - NAS	3,000	3,000	3,000
Maximum number of lock manager locked objects (CIFS and NFS combined)	1,200,000	1,200,000	1,200,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	24 / 12	24 / 12	24 / 12
Max FabricPool Size	8400 TiB	8400 TiB	8400 TiB

	FAS2720 10GBASE-T Single Chassis HA Pair	FAS2720 UTA2 Single Chassis HA Pair	FAS2750 10GBASE-T Single Chassis HA Pair
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data	Not Supported	Not Supported	Not Supported
Constituent Size  Max FlexGroup Data	100 TiB	100 TiB	100 TiB
Constituent Size			
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption FlexArray Specifications	Supported	Supported	Supported
		İ	1
Spray Core Array LUNs Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity Spray Core Array LUNs	Not Cupported	Not Cupported	Not Cupported
Absolute Min Raw Capacity	Not Supported	Not Supported	Not Supported
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN Aggregate	Not Supported	Not Supported	Not Supported
Min Array LUN Size – Root Volume	-	-	-
Spare Core Array LUN Min Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices Processor	Not Supported	Not Supported	Not Supported
Processor Model	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	1.50 Ghz	1.50 Ghz	1.50 Ghz
Processor Count (Per Node)	1	1	1
Processor Count (Per Config)	2	2	2
Processor Cores (Per CPU)	12	12	12
Processor Cores (Per Node)	12	12	12
Processor Cores (Per Config)	24	24	24
Memory	Land OD	Land OD	14004.00
NVME (Per Node)	1024 GB	1024 GB	1024 GB
NVME (Per Config) NVMEM (Per Node)	2048 GB 4 GB	2048 GB 4 GB	2048 GB 4 GB
NVMEM (Per Node) NVMEM (Per Config)	8 GB	8 GB	8 GB
NVRAM (Per Node)	N/A	N/A	N/A
RAM (Per Node)	32 GB	32 GB	32 GB
Onboard Ports			
Ethernet Ports	8 x RJ45 (10Gb) 4 x SFP+ (10Gb)	4 x SFP+ (10Gb)	8 x RJ45 (10Gb) 4 x SFP+ (10Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	Not Supported	8 x SFP+ (10Gb/16Gb)	Not Supported
Expansion Slots SAS Ports	- 4 x MiniSAS HD (12Gb)	- 4 x MiniSAS HD (12Gb)	- 4 x MiniSAS HD (12Gb)
Physical Characteristics			
Rack Units	2	2	2
Chassis Height	3.42" (8.69 cm)	3.42" (8.69 cm)	3.35" (8.5 cm)
Chassis Width with Mounting	<u> </u>	, , , , , , , , , , , , , , , , , , ,	, ,
Flanges	18.9" (48 cm)	18.9" (48 cm)	18.9" (48 cm)

	T	T	
	FAS2720 10GBASE-T Single Chassis HA Pair	_	FAS2750 10GBASE-T Single Chassis
	HA Pair	Pair	HA Pair
	<u>.</u>	. ) · · · · · · · · · · · · · · · · · ·	
Specifications			
Chassis Width without	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable	25.12" (63.8 cm)	25.12" (63.8 cm)	24.13" (61.3 cm)
Mgmt	25.12 (65.6 CIII)	23.12 (03.6 CIII)	24.13 (01.3 (11)
Chassis Depth without Cable	20" (50.8 cm)	20" (50.8 cm)	19.02" (48.3 cm)
Mgmt Chassis Weight			+
System Clearance			
Dimensions	10.000 (47.0	10 00m (17 0	
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	24.03" (61 cm)	24.03" (61 cm)	24.03" (61 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)		13" (33 cm)	13" (33 cm)
rtour Groundings (maintenance)	10 (00 0.11)	10 (00 0111)	To (co am)
Environmental Requirements			
On a matting of Tamana matterns Banana	41 to 113 deg F	41 to 113 deg F	41 to 113 deg F
Operating Temperature Range	5 to 45 deg C	5 to 45 deg C	5 to 45 deg C
Storage Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F
Transit Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Operating Relative Humidity	8 to 90 %	8 to 90 %	8 to 90 %
Storage Relative Humidity Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 % 10 to 95 %
_	Up to 10000.0 ft	Up to 10000.0 ft	Up to 10000.0 ft
Operating Altitude Range	Up to 3048.0 m	Up to 3048.0 m	Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft
Transit Altitude Range	Up to 12192 m	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound	6.7 bels	6.7 bels	6.9 bels
Power	1	1	
Acoustic Noise - Sound Pressure	51 dBA	51 dBA	51 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for			
selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware			
* indicates that firmware is bundled with Storage OS			
Version			
BIOS	11.11*	11.11*	11.11*
BMC	11.7*	11.7*	11.7*
Service Processor Firmware	N/A	N/A	N/A
Product Standards	· 		·
Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS
	IOONONI, IDO	JOUNUAL, IDO	IOONOAI, IDO

	FAS2720 10GBASE-T Single Chassis HA Pair	FAS2720 UTA2 Single Chassis HA Pair	FAS2750 10GBASE-T Single Chassis HA Pair
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032,	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003
Standards Safety	EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	ANSI/UL60950-1, ANSI/UL62368-1, BS EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368- 1, IEC60950-1 (all national deviations),	ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations),
	IS 13252(part 1)	IS 13252(part 1)	IS 13252(part 1)
System Availability & Support Release Date	May 2018	May 2018	May 2018
End of Availability (EOA)	-	-	
End of Support (EOS)  NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export	24,000	24,000	24,000
Policies  Maximum number of Export Rules	200,000	200,000	200,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	10,000	10,000	10,000
Maximum number of pNFS objects	524,288	524,288	524,288
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB) Maximum file size in a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume Snapshot Copies	2,046,000	2,046,000	2,046,000
Maximum character length for Snapshot copy names	N/A	N/A	N/A
Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	200,000	200,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move)	16	16	16
Operations  Quality of Service Cluster	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Limits Maximum number of Policy	12,000	12,000	12,000
Groups Maximum number of QoS			
user workloads	40,000	40,000	40,000

	FAS2720 10GBASE-T Single Chassis HA Pair	FAS2720 UTA2 Single Chassis HA Pair	FAS2750 10GBASE-T Single Chassis HA Pair
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	250	250	250
Maximum number of flexible volumes - SAN	2,000	2,000	2,000
Maximum number of flexible volumes with DPO - SAN	3,000	3,000	3,000
Maximum number of LUNs	16,384	16,384	16,384
Maximum number of LUN mappings	16,384	16,384	16,384
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	8,192	8,192
Maximum number of LIFS - iSCSI	1,024	1,024	1,024
Maximum number of LIFS - FCP	1,024	1,024	1,024
Maximum number of igroups	4,096	4,096	4,096
Maximum number of initiators	4,096	4,096	4,096
Maximum number of portsets	4,096	4,096	4,096
Maximum number of iSCSI sessions	8,192	8,192	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	800,000	800,000	800,000
Maximum number of regular shares	60,000	60,000	60,000
Maximum number of open files	600,000	600,000	600,000
Maximum number of local users	5,000	5,000	5,000
Maximum number of local groups	10,000	10,000	10,000
Maximum number of local group members	30,000	30,000	30,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	1,000	1,000	1,000
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS2720 10GBASE-T Single Chassis HA Pair	FAS2720 UTA2 Single Chassis HA Pair	FAS2750 10GBASE-T Single Chassis HA Pair
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	N/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	255	255	255
Maximum Number of constituent volumes in a SnapMirror relationship	1,000	1,000	1,000

	FAS2750 4-Node Metro Cluster IP	FAS2750 4-Node MetroCluster IP	FAS2750 UTA2 Single Chassis HA
	UTA2	10GBASE-T	Pair
Specifications			
Storage Limits	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Number of Drives (Total)	144	144	144
Max Number of Internal Drives	24	24	24
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	144	144	144
Max Number of SAS Drives	144	144	144
Max Number of SATA Drives	144	144	144
Max Number of SSD Drives Max Number of DS212C	144	144	144
Shelves	8 external	8 external	9 external
Max Number of DS2246 Shelves	4 external	4 external	5 external
Max Number of DS224C Shelves	2 internal + 4 external	2 internal + 4 external	1 internal + 5 external
Max Number of DS4243 Shelves	4 external	4 external	5 external
Max Number of DS4246 Shelves	4 external	4 external	5 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	2 external	2 external	2 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	1,622,400	1,622,400	1,963,200
Effective Capacity Core Cluster Limits	7,201,022.40 Scope:HA Pair	7,201,022.40 Scope:HA Pair	8,713,663.20 Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	64	64	512
NAS	04	04	312
Maximum number of LIFs - NAS	256	256	512
Maximum number of connections - NAS	25,000	25,000	100,000
Maximum number of flexible volumes - NAS	500	500	2,000
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	3,000
Maximum number of lock manager locked objects (CIFS and NFS combined)	1,024,000	1,024,000	1,200,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	2/2	2/2	24 / 12
Max FabricPool Size	8400 TiB	8400 TiB	8400 TiB

	FAS2750 4-Node Metro Cluster IP UTA2	FAS2750 4-Node MetroCluster IP 10GBASE-T	FAS2750 UTA2 Single Chassis HA Pair
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	100 TiB	100 TiB	100 TiB
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB [1]	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications Spray Core Array LUNs	1		1
Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity			· ·
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size Min Size for an Array LUN	Not Supported	Not Supported	Not Supported
Aggregate	Not Supported	Not Supported	Not Supported
Min Array LUN Size – Root Volume	-	-	-
Spare Core Array LUN Min Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices	Not Supported	Not Supported	Not Supported
Processor	10441140		
Processor Model Processor Architechture	64-bit 12-core 1.50 Ghz 64 bit	64-bit 12-core 1.50 Ghz 64 bit	64-bit 12-core 1.50 Ghz 64 bit
Processor Speed	1.50 Ghz	1.50 Ghz	1.50 Ghz
Processor Count (Per Node)	1	1	1
Processor Count (Per Config)	4	4	2
Processor Cores (Per CPU)	12	12	12
Processor Cores (Per Node)	12	12	12
Processor Cores (Per Config)	48	48	24
Memory	Lines	1001.00	1,004,00
NVME (Per Node)	1024 GB	1024 GB	1024 GB 2048 GB
NVME (Per Config) NVMEM (Per Node)	4096 GB 4 GB	4096 GB 4 GB	4 GB
NVMEM (Per Config)	16 GB	16 GB	8 GB
NVRAM (Per Node)	N/A	N/A	N/A
RAM (Per Node)	32 GB	32 GB	32 GB
Onboard Ports	·	To pur uses:	
Ethernet Ports	4 x SFP+ (10Gb)	8 x RJ45 (10Gb) 4 x SFP+ (10Gb)	4 x SFP+ (10Gb)
Fibre Channel Ports	- 4 y SED± (400b/460b)	Not Supported	
UTA2 Ports Expansion Slots	4 x SFP+ (10Gb/16Gb)	Not Supported	8 x SFP+ (10Gb/16Gb)
SAS Ports	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)
Physical Characteristics		, , ,	
Rack Units	4	4	2
Chassis Height	3.35" (8.5 cm)	3.35" (8.5 cm)	3.35" (8.5 cm)
Chassis Width with Mounting Flanges	18.9" (48 cm)	18.9" (48 cm)	18.9" (48 cm)

		T	
	FAS2750 4-Node Metro Cluster IP UTA2	FAS2750 4-Node MetroCluster IP 10GBASE-T	FAS2750 UTA2 Single Chassis HA Pair
			The state of the s
Specifications			
Opecinications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable	24.13" (61.3 cm)	24.13" (61.3 cm)	24.13" (61.3 cm)
Mgmt Chassis Depth without Cable	19.02" (48.3 cm)	40.02" (40.2 pm)	10.00" (40.2 cm)
Mgmt Chassis Weight	19.02 (46.3 CIII)	19.02" (48.3 cm)	19.02" (48.3 cm)
Chassis Weight System Clearance	<u> </u>		
Dimensions	C 0011 (45 2 pm;)	0.00# (45.2.5%)	0.001/45.2 are
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	24.03" (61 cm)	24.03" (61 cm)	24.03" (61 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	13" (33 cm)	13" (33 cm)	13" (33 cm)
Environmental Requirements	'		<u>'</u>
Operating Temperature Range	41 to 113 deg F	41 to 113 deg F	41 to 113 deg F
	5 to 45 deg C -40 to 158 deg F	5 to 45 deg C -40 to 158 deg F	5 to 45 deg C -40 to 158 deg F
Storage Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Operating Relative Humidity	8 to 90 %	8 to 90 %	8 to 90 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft	Up to 10000.0 ft	Up to 10000.0 ft
	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft
Storage Altitude Range	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft	Up to 39989.8 ft	Up to 39989.8 ft
Acoustic Noise - Sound	Up to 12192 m	Up to 12192 m	Up to 12192 m
Power	6.9 bels	6.9 bels	6.9 bels
Acoustic Noise - Sound Pressure	51 dBA	51 dBA	51 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware			
* indicates that firmware is bundled with Storage OS			
Version BIOS	11.11*	11.11*	11.11*
BMC	11.7*	11.7*	11.7*
Service Processor Firmware	N/A	N/A	N/A
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,
Continuations salety	SONCAP, TBS	SONCAP, TBS	SONCAP, TBS

	FAS2750 4-Node Metro Cluster IP	FAS2750 4-Node MetroCluster IP	FAS2750 UTA2 Single Chassis HA
	UTA2	10GBASE-T	Pair Pair
Specifications			
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
ouroty/Emo/Emilitorio	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR
Standards EMC/EMI	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003 ANSI/UL60950-1, ANSI/UL62368-1, BS-
	EN62368-1, CAN/CSA C22.2 No.	EN62368-1, CAN/CSA C22.2 No.	EN62368-1, CAN/CSA C22.2 No.
Standards Safety	·	60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	60950-1, CAN/CSA C22.2 No. 62368- 1. EN60825-1. EN62368-1. IEC 62368-
	1, IEC60950-1 (all national deviations),	1, IEC60950-1 (all national deviations),	1, IEC60950-1 (all national deviations),
System Availability & Support	IS 13252(part 1)	IS 13252(part 1)	IS 13252(part 1)
Release Date	May 2019	May 2019	May 2018
End of Availability (EOA)	-	-	-
End of Support (EOS)  NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export	6,000	6,000	24,000
Policies  Maximum number of Export Rules	35,000	35,000	200,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	102,400	10,000
Maximum number of pNFS objects	1,024,000	1,024,000	524,288
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB) Maximum number of Volume	127,500	127,500	2,046,000
Snapshot Copies  Maximum character length for		,	
Snapshot copy names	N/A	N/A	N/A
Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	30,000	30,000	200,000
Maximum number of			
concurrent DataMotion for Volumes (vol move)	16	16	16
operations Quality of Service Cluster			
Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	6,000	12,000
	20,000	6,000 20,000	12,000 40,000

	FAS2750 4-Node Metro Cluster IP UTA2	FAS2750 4-Node MetroCluster IP 10GBASE-T	FAS2750 UTA2 Single Chassis HA Pair
Specifications			
Maximum number of nodes	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	64	250
Maximum number of flexible volumes - SAN	500	500	2,000
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	3,000
Maximum number of LUNs	8,192	8,192	16,384
Maximum number of LUN	8,192	8,192	16,384
mappings Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	4,096	4,096	8,192
Maximum number of LIFS - iSCSI	256	256	1,024
Maximum number of LIFS - FCP	256	256	1,024
Maximum number of igroups	2,048	2,048	4,096
Maximum number of initiators	2,048	2,048	4,096
Maximum number of portsets	2,048	2,048	4,096
Maximum number of iSCSI sessions	4,096	4,096	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	400,000	400,000	800,000
Maximum number of regular shares	30,000	30,000	60,000
Maximum number of open files	350,000	350,000	600,000
Maximum number of local users	2,500	2,500	5,000
Maximum number of local groups	5,000	5,000	10,000
Maximum number of local group members	15,000	15,000	30,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	500	1,000
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS2750 4-Node Metro Cluster IP UTA2	FAS2750 4-Node MetroCluster IP 10GBASE-T	FAS2750 UTA2 Single Chassis HA Pair
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	N/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	8	255
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	1,000

			FAS8300 2-Node Fabric
	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	MetroCluster, Ethernet Bundle
			<u></u>
Specifications			300000000000000000000000000000000000000
- Communications			
Storage Limits	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Number of Drives (Total)	96	48	720
Max Number of Internal Drives	24	24	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	N/A	N/A	720
Max Number of SAS Drives	N/A	N/A	720
Max Number of SATA Drives	N/A	N/A	720
Max Number of SSD Drives	N/A	N/A	480
Max Number of DS212C Shelves	N/A	N/A	60 external
Max Number of DS2246 Shelves	N/A	N/A	30 external
Max Number of DS224C Shelves	N/A	N/A	30 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246 Shelves	N/A	N/A	30 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	N/A	N/A	12 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	1,468,800	734,400	N/A
Effective Capacity	6,519,268.80	3,259,634.40	N/A
Core Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) -	64	512	N/A
Maximum number of LIFs -	256	512	N/A
Maximum number of connections - NAS	25,000	100,000	N/A
Maximum number of flexible volumes - NAS	500	2,000	N/A
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS	1,024,000	1,200,000	N/A
and NFS combined) Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	2/2	24 / 12	1/1
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	100 TiB	100 TiB	Not Supported
Min Root Volume Size	150 GiB	150 GiB	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications	 		
Spray Core Array LUNs Recommended Min Raw	Not Supported	Not Supported	Not Supported
Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity Max Array LUN Size			
Min Array LUN Size	Not Supported  Not Supported	Not Supported  Not Supported	Not Supported  Not Supported
Min Size for an Array LUN		· ·	· ·
Aggregate Min Array LUN Size – Root	Not Supported	Not Supported	Not Supported
Volume Spare Core Array LUN Min	-	-	-
Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices Processor	Not Supported	Not Supported	Not Supported
Processor Model	64-bit 12-core 2.10 Ghz	64-bit 12-core 2.10 Ghz	64-bit 10-core 2.20 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.10 Ghz	2.10 Ghz	2.20 Ghz
Processor Count (Per Node)	1	1	2
Processor Count (Per Config)	4	2	4
Processor Cores (Per CPU)	12	12	10
Processor Cores (Per Node)	12	12	20
Processor Cores (Per Config)	48	24	40
Memory	INIA	IN/A	Inva
NVME (Per Node) NVME (Per Config)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Node)	8 GB	8 GB	N/A
NVMEM (Per Config)	32 GB	16 GB	N/A
NVRAM (Per Node)	N/A	N/A	16 GB
RAM (Per Node)	64 GB	64 GB	128 GB
Onboard Ports			2 v OCED20 (400h)
Ethernet Ports Fibre Channel Ports	4 x RJ45 (10Gb)	4 x RJ45 (10Gb)	2 x QSFP28 (40Gb) 6 x SFP28 (25Gb)
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x PCle3	4 x PCle3	2 x M.2 PCle, 5 x PCle3
SAS Ports	-	-	4 x MiniSAS HD (12Gb)
Physical Characteristics			
Rack Units	4	2 (9.7 cm)	8 6 90" (47 5 pm)
Chassis Height Chassis Width with Mounting	3.43" (8.7 cm)	3.43" (8.7 cm)	6.89" (17.5 cm)
Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

	T		1
	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
		) The second contract of	
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Mounting Flanges	17.0 (44.7 Cm)	17.0 (44.7 CIII)	17.0 (44.7 CIII)
Chassis Depth with Cable Mgmt	-	-	34.72" (88.2 cm)
Chassis Depth without Cable	21.38" (54.3 cm)	21.38" (54.3 cm)	32.6" (82.8 cm)
Mgmt Chassis Weight	1	21.50 (54.5 cm)	32.0 (G2.0 GH)
System Clearance			
Dimensions			
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	24.03" (61 cm)	24.03" (61 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Requirements			
Environmental Requirements	Iso Los Los	Teat of the	Troping to F
Operating Temperature Range	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C
Storage Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C
Transit Temperature Range	-40 to 70 deg C	-40 to 156 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft	Up to 10000.0 ft	Up to 10000.0 ft
	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft
Storage Altitude Range	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft	Up to 39989.8 ft	Up to 39989.8 ft
Acoustic Noise - Sound	Up to 12192 m	Up to 12192 m	Up to 12192 m
Power	7.2 bels	7.2 bels	8.2 bels
Acoustic Noise - Sound Pressure	69.1 dBA	69.1 dBA	64.1 dBA
Input Power Voltage	200 to 240	200 to 240	100 to 120
Storage OS Requirements (for			
selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS Maximum OS	9.9.1RC1 9.9.1P4	9.9.1RC1 9.9.1P4	9.9.1RC1 9.9.1P4
Software and Firmware	O.O. II	Jo.J. 11 <del>T</del>	[0.0.11 <del>4</del>
* indicates that firmware is			
bundled with Storage OS Version			
BIOS	17.4*	17.4*	16.6*
ВМС	15.3*	15.3*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards			
Compliance Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,
Certifications safety	SONCAP, TBS	SONCAP, TBS	SONCAP, TBS

			FAS8300 2-Node Fabric
	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	MetroCluster, Ethernet Bundle
			1
Considirations			-333333333
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Salety/EMIO/EMI/ITO/13	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR
Standards EMC/EMI	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003
	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.
Standards Safety	60950-1, CAN/CSA C22.2 No. 62368-	60950-1, CAN/CSA C22.2 No. 62368-	60950-1, CAN/CSA C22.2 No. 62368-
Julian Garaty	1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations),	1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations),	1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations),
	IS 13252(part 1)	IS 13252(part 1)	IS 13252(part 1)
System Availability & Support			
Release Date	Nov 2020	Oct 2020	Dec 2019
End of Availability (EOA) End of Support (EOS)	-	-	-
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	24,000	N/A
Maximum number of Export Rules	35,000	200,000	N/A
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	100,000	N/A
Maximum number of pNFS objects	1,024,000	1,024,000	N/A
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB) Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum number of Volume			
Snapshot Copies	127,500	2,046,000	N/A
Maximum character length for Snapshot copy names	N/A	N/A	N/A
Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	30,000	200,000	N/A
Maximum number of concurrent DataMotion for			
Volumes (vol move)	16	16	N/A
operations Quality of Service Cluster			
Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	12,000	N/A
Maximum number of QoS user workloads	20,000	40,000	N/A

			FAS8300 2-Node Fabric
	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	MetroCluster, Ethernet Bundle
		<u>.</u>	
Specifications			300000000000000000000000000000000000000
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes	N/A	N/A	N/A
participating in QoS SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage			
virtual machines (SVMs) -	64	250	N/A
Maximum number of flexible volumes - SAN	500	2,000	N/A
Maximum number of flexible	N/A	N/A	N/A
volumes with DPO - SAN			
Maximum number of LUNs Maximum number of LUN	8,192 8,192	16,384 16,384	N/A N/A
mappings Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	4,096	8,192	N/A
Maximum number of LIFS -	256	1,024	N/A
Maximum number of LIFS - FCP	256	1,024	N/A
Maximum number of igroups	2,048	4,096	N/A
Maximum number of initiators	2,048	4,096	N/A
Maximum number of portsets	2,048	4,096	N/A
Maximum number of iSCSI sessions	4,096	8,192	N/A
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	400,000	800,000	N/A
Maximum number of regular shares	150,000	300,000	N/A
Maximum number of open files	350,000	1,500,000	N/A
Maximum number of local users	17,500	35,000	N/A
Maximum number of local groups	160,000	320,000	N/A
Maximum number of local group members	320,000	640,000	N/A
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	N/A
Maximum number of data			
protection (DP) mirrors and/or SnapVault relationships	500	1,000	N/A
Maximum number of data			
protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

	FAS500f 4-Node MetroCluster IP	IFAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	IN/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	255	N/A
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	1,000	N/A

		FAS8300 2-Node Stretch	FAS8300 2-Node Stretch
	FAS8300 2-Node Fabric MetroCluster, FC Bundle	MetroCluster, Fiber Bridge, Ethernet	MetroCluster, Fiber Bridge, FC
	-000000000000	Bundle	Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	720	720	720
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	720	720	720
Max Number of SAS Drives	720	720	720
Max Number of SATA Drives	720	720	720
Max Number of SSD Drives	480	480	480
Max Number of DS212C Shelves	60 external	60 external	60 external
Max Number of DS2246 Shelves	30 external	30 external	30 external
Max Number of DS224C Shelves	30 external	30 external	30 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246 Shelves	30 external	30 external	30 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	12 external	12 external	12 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	N/A	N/A	N/A
Effective Capacity Core Cluster Limits	N/A Scope:HA Pair	N/A Scope:HA Pair	N/A Scope:HA Pair
Maximum number of storage			
virtual machines (SVMs) - NAS	N/A	N/A	N/A
Maximum number of LIFs -	N/A	N/A	N/A
Maximum number of connections - NAS	N/A	N/A	N/A
Maximum number of flexible volumes - NAS	N/A	N/A	N/A
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS	N/A	N/A	N/A
and NFS combined) Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	1/1	1/1	1/1
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS8300 2-Node Fabric	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch
	MetroCluster, FC Bundle	MetroCluster, Fiber Bridge, Ethernet	MetroCluster, Fiber Bridge, FC
		Bundle	Bundle
	n n	<b>□</b>	n n
0	266666666666	25555555555555	2556656666666
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data			
Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data		N 10 1 1	
Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications			
Spray Core Array LUNs			
Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity			
Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity			
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN	Not Supported	Not Supported	Not Supported
Aggregate Min Array LUN Size – Root			
Volume	-	-	-
Spare Core Array LUN Min			
Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an			
Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and	Not Supported	Not Supported	Not Supported
Assigned Devices	Not Supported	Not Supported	Not Supported
Processor		Table 1	
Processor Model	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architechture	64 bit 2.20 Ghz	64 bit 2.20 Ghz	64 bit 2.20 Ghz
Processor Speed	2.20 GHZ	2.20 GHZ	2.20 GHZ
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	4	4	4
		1	
Processor Cores (Per CPU)	10	10	10
Drococci Contro (Dec. N. 1.)	20	20	20
Processor Cores (Per Node)	20	20	20
Processor Cores (Per Config)	40	40	40
, -		70	
Memory			
NVME (Per Node)	N/A	N/A	N/A
NVME (Per Config)	N/A	N/A	N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node) RAM (Per Node)	16 GB 128 GB	16 GB 128 GB	16 GB 128 GB
Onboard Ports			
	2 x QSFP28 (40Gb)	2 x QSFP28 (40Gb)	2 x QSFP28 (40Gb)
Ethernet Ports	2 x SFP28 (40Gb)	6 x SFP28 (25Gb)	2 x SFP28 (40Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	2 x M.2 PCle, 5 x PCle3	2 x M.2 PCle, 5 x PCle3	2 x M.2 PCle, 5 x PCle3
SAS Ports	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)
Physical Characteristics			
Rack Units	8	8	8
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	6.89" (17.5 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges			

Chassis Width without   Chassis Width   Chassis Widt		<u> </u>	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch
Specifications				
Chassis Width without   17.6" (44.7 cm)   17.6		MetroCluster, FC Bundle	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,
Chassis Width without   17.6" (44.7 cm)   17.6			***********	
Chassis Width without   17.6" (44.7 cm)   17.6			<del>                                   </del>	
Chassis Width without Mounting Flanges Mounting Flanges Mont Chassis Depth with Cable Mant Chassis Depth with Cable Mant Chassis Depth with Cable Mant Chassis Depth without Cable Mant Chassis Mant				
Chassis Width without Mounting Flanges Mounting Flanges Mont Chassis Depth with Cable Mant Chassis Depth with Cable Mant Chassis Depth with Cable Mant Chassis Depth without Cable Mant Chassis Mant	Specifications	3466466646644	26666666666	20000000000
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"	opecifications -			
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"				
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"				
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"				
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"				
Chassis Width without Mounting Fanges   17.6" (44.7 cm)   17.6"		ONTAP 9 9 1P4	ONTAP 9 9 1P4	ONTAP 9 9 1P4
17.5 (44.7 cm)   17.5	Chassis Width without			
Maint   Series   Se	Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Mgmt	Chassis Depth with Cable	34 72" (88 2 cm)	34 72" (88 2 cm)	34 72" (88 2 cm)
Sc. 0 (22.0 till)   Sc.	Mgmt	01.72 (00.2 0.11)	0 1112 (00.2 0111)	5 1.7 <u>(66.12 6111)</u>
Chassis Weight   System Clearance   Cooling   6.03" (15.3 cm)	•	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
System Clearance   Dimensions				
Dinosisions	System Clearance			
Front Clearance   34.51" (87.6 cm)   34.51" (87.6	Dimensions			
Maintenance    34.51" (87.6 cm)   34.51" (87.6 cm	Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Maintenance  Cooling    6.03" (15.3 cm)   6.03" (15.3 cm)   6.03" (15.3 cm)   6.03" (15.3 cm)   36.01" (91.4 cm)   36.01" (91	Front Clearance	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Maintenance)   36.01* (91.4 cm)		· ·	, ,	, ,
Comparison   Com				
So to 95 deg F   10 to 35 deg C   10 to 70 deg C   10 to 95 %	Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
So to 95 deg F   10 to 35 deg C   10 to 70 deg C   10 to 95 %	Environmental Poquiromente			
10 to 35 deg C	Environmental Requirements			
10 to 35 deg C	Operating Temperature Range	_	1	_
40 to 70 deg C		10 to 35 deg C		· ·
40 to 158 deg F	Storage Temperature Range	_	_	_
A0 to 70 deg C	T B			
Storage Relative Humidity	Transit Temperature Range	-40 to 70 deg C	- I	1
Storage Relative Humidity	Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Transit Relative Humidity				
Operating Altitude Range				
Up to 3048.0 m	•			
Up to 12192.0 m	Operating Altitude Range	· ·	·	1 '
Transit Altitude Range	Storage Altitude Range	Up to 40000.0 ft	1 .	Up to 40000.0 ft
Acoustic Noise - Sound Power Acoustic Noise - Sound Pressure Acoustic Noise - Sound Pressure Acoustic Noise - Sound Pressure Input Power Voltage 100 to 120 100 to 12				•
Recoustic Noise - Sound   Router   Ro	Transit Altitude Range	· ·	·	1 · ·
Service Processor Firmware   Service Processor Firm   Service Processor Firmware   Service Processor	Acquetic Noise - Sound			
Acoustic Noise - Sound Pressure Input Power Voltage 100 to 120 100	Power	8.2 bels	8.2 bels	8.2 bels
Pressure	Acoustic Noise - Sound	64 1 dBA	64.1 dBA	64 1 dBA
Storage OS Requirements (for selected major version)	Pressure			
Recommended Version   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1P4   9.9.1PC1   9.9.1RC1   9.9.1RC1   9.9.1P4   9.9	Input Power Voltage	100 to 120	100 to 120	100 to 120
Recommended Version   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1P3, 9.9.1P4   9.9.1RC1   9.9.1RC1   9.9.1RC1   9.9.1P4   9.9	Storage OS Requirements (for			
Minimum OS	selected major version)			
Minimum OS	Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Software and Firmware  * indicates that firmware is bundled with Storage OS  Version  BIOS	Minimum OS	,	· · · · · · · · · · · · · · · · · · ·	,
* indicates that firmware is bundled with Storage OS  Version  BIOS 16.6* 16.6* 16.6*  BMC 13.5* 13.5* 13.5*  Service Processor Firmware N/A N/A N/A N/A  Product Standards  Compliance  Certifications EMC/EMI AS/NZS, FCC, ICES, KCC, VCCI AS/NZS, FCC	Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Description   Service Processor Firmware   N/A   N/A   N/A	Software and Firmware			
No.				
BIOS				
BMC 13.5* 13.5* 13.5*  Service Processor Firmware N/A N/A N/A N/A  Product Standards Compliance Certifications EMC/EMI AS/NZS, FCC, ICES, KCC, VCCI AS/NZS, FCC,	BIOS	16.6*	16.6*	16.6*
Product Standards  Compliance  Certifications EMC/EMI  AS/NZS, FCC, ICES, KCC, VCCI  AS/NZS, FCC	ВМС			
Product Standards  Compliance  Certifications EMC/EMI  AS/NZS, FCC, ICES, KCC, VCCI  AS/NZS, FCC	Service Processor Firmware	N/A	N/A	N/A
Compliance Certifications EMC/EMI AS/NZS, FCC, ICES, KCC, VCCI AS/NZS, FCC				<u> </u>
Certifications EMC/EMI AS/NZS, FCC, ICES, KCC, VCCI AS/NZS, FCC, ICES, KCC				
PIC CP CSA IRAM NOM NIPCS - PIC CP CSA IRAM NOM NIPCS - PIC CP CSA IRAM NOM NIPCS		AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Cartifications pofety. Tuio, ou, our, inaivi, inoivi, inaos, Tuio, ou, our, inaivi, inaos, Tuio, ou, our, inaivi, indivi, inaos, Tuio, ou, our, inaivi, inaos, Tuio, ou, our, inaos, tuio, ou, ou, ou, ou, ou, ou, ou, ou, ou, o		BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,
SONCAP, TBS SONCAP, TBS SONCAP, TBS	Certifications safety			I .

	FACO200 O Node Fabric	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch
	FAS8300 2-Node Fabric MetroCluster, FC Bundle	MetroCluster, Fiber Bridge, Ethernet	MetroCluster, Fiber Bridge, FC
	-000000000000	Bundle	Bundle
	IN SECTION OF THE PROPERTY OF		
Specifications		aguar aguar aguar aguar aguar aguar ag	
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
outerly Emplementario	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR
Standards EMC/EMI	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003
	ANSI/UL60950-1, ANSI/UL62368-1, BS-	ANSI/UL60950-1, ANSI/UL62368-1, BS	ANSI/UL60950-1, ANSI/UL62368-1, BS-
Otan danda O C C	EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-	EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-	EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-
Standards Safety	1, EN60825-1, EN62368-1, IEC 62368-	1, EN60825-1, EN62368-1, IEC 62368-	1, EN60825-1, EN62368-1, IEC 62368-
	1, IEC60950-1 (all national deviations), IS 13252(part 1)	1, IEC60950-1 (all national deviations), IS 13252(part 1)	1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support		1.5 . 52-52 (pair 1)	110 10202(pair 1)
Release Date	Dec 2019	Dec 2019	Dec 2019
End of Availability (EOA)	-	-	-
End of Support (EOS)  NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export	N/A	N/A	N/A
Policies Maximum number of Export			A.//A
Rules	N/A	N/A	N/A
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	N/A	N/A	N/A
Maximum number of pNFS	N/A	N/A	N/A
objects WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit	N/A	N/A	N/A
Aggregate (TiB) Maximum Size of a 64-bit	AL/A	A1/A	AL/A
Volume (TiB)	N/A	N/A	N/A
Maximum file size in a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume Snapshot Copies	N/A	N/A	N/A
Maximum character length for	N/A	N/A	N/A
Snapshot copy names  Maximum number of hard			
links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	N/A	N/A	N/A
Maximum number of			
concurrent DataMotion for Volumes (vol move)	N/A	N/A	N/A
operations			
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy	N/A	N/A	N/A
Groups Maximum number of QoS			
user workloads	N/A	N/A	N/A

		FAS8300 2-Node Stretch	FAS8300 2-Node Stretch
	FAS8300 2-Node Fabric MetroCluster, FC Bundle		MetroCluster, Fiber Bridge, FC
	Metrocluster, FC Buridle	Bundle	Bundle
Specifications	300000000000000000000000000000000000000	300000000000000000000000000000000000000	300000000000000000000000000000000000000
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes			
participating in QoS	N/A	N/A	N/A
SAN Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) -	N/A	N/A	N/A
SAN			
Maximum number of flexible volumes - SAN	N/A	N/A	N/A
Maximum number of flexible			
volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	N/A	N/A	N/A
Maximum number of LUN	N/A	N/A	N/A
mappings Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth	N/A	N/A	N/A
available			IVA
Maximum Number of SAN Hosts (ITNs)	N/A	N/A	N/A
Maximum number of LIFS -	N/A	N/A	N/A
Maximum number of LIFS -			
FCP	N/A	N/A	N/A
Maximum number of igroups	N/A	N/A	N/A
Maximum number of initiators	N/A	N/A	N/A
Maximum number of portsets	N/A	N/A	N/A
Maximum number of iSCSI	N/A	N/A	N/A
sessions CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of			
connected shares	N/A	N/A	N/A
Maximum number of regular shares	N/A	N/A	N/A
Maximum number of open	N/A	N/A	N/A
files	1977	11/1/	19/7
Maximum number of local users	N/A	N/A	N/A
Maximum number of local	N/A	N/A	N/A
groups Maximum number of local			
group members	N/A	N/A	N/A
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP	N/A	N/A	NI/A
sessions	IWA	IWA	N/A
Maximum number of data		l	ļ
protection (DP) mirrors and/or SnapVault relationships	N/A	N/A	N/A
Simp tault relationships			
Maximum number of data			
protection (DP) mirrors and/or SnapVault relationships for	N/A	N/A	N/A
FabricPool			
L		L	

1	FAS8300 2-Node Fabric MetroCluster, FC Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	IN/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	N/A	N/A	N/A
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch	FACCOCC 4 No de Fabrille
	· · · · · · · · · · · · · · · · · · ·	MetroCluster, Optical SAS, FC	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
	Bundle	Bundle	
	300000000000000000000000000000000000000		300000000000000000000000000000000000000
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	720	720	720
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS	720	720	720
Drives Max Number of SAS Drives	720	720	720
Max Number of SATA Drives	720	720	720
Max Number of SSD Drives	480	480	480
Max Number of DS212C Shelves	60 external	60 external	60 external
Max Number of DS2246	30 external	30 external	30 external
Shelves Max Number of DS224C Shelves	30 external	30 external	30 external
Max Number of DS4243	N/A	N/A	N/A
Max Number of DS4246	30 external	30 external	30 external
Max Number of DS4486	N/A	N/A	N/A
Shelves Max Number of DS460C	12 external	12 external	12 external
Shelves Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw	N/A	N/A	11,520,000
Capacity Effective Capacity	N/A	N/A	51,131,520
Core Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) -	N/A	N/A	64
NAS Maximum number of LIFs -	N//A	AL/A	050
NAS Maximum number of	N/A	N/A	256
connections - NAS	N/A	N/A	5,000
Maximum number of flexible volumes - NAS	N/A	N/A	1,000
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS and NFS combined)	N/A	N/A	700,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	1/1	1/1	2/2
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	I	Independent to the	
	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC	FAS8300 4-Node Fabric
	Bundle	Bundle	MetroCluster, Ethernet Bundle
	Buildle	Buildle	
	<u></u>		
Specifications			
-			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data	Not Supported	Not Supported	Not Supported
Constituent Size	· ·	<u> </u>	<u> </u>
Max FlexGroup Data Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications			
Spray Core Array LUNs			1
Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity		1	
Spray Core Array LUNs	Not Currented	Net Comparted	Not Currented
Absolute Min Raw Capacity	Not Supported	Not Supported	Not Supported
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN	Not Supported	Not Supported	Not Supported
Aggregate	The Supported	Not Supported	The Cupperiou
Min Array LUN Size – Root	-	-	-
Volume			
Spare Core Array LUN Min	Not Supported	Not Supported	Not Supported
Size Max RAID Groups in an			
Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and			
Assigned Devices	Not Supported	Not Supported	Not Supported
Processor			
Processor Model	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.20 Ghz	2.20 Ghz	2.20 Ghz
Processor Count (Per Node)	2	2	2
,			
Processor Count (Per Config)	4	4	8
Processor Cores (Per CPU)	10	10	10
Processor Cores (Per Node)	20	20	20
Processor Cores (Par Careffeet	40	40	80
Processor Cores (Per Config)	40	40	80
Memory			
NVME (Per Node)	N/A	N/A	N/A
NVME (Per Config)	N/A	N/A	N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB 128 GB	16 GB
RAM (Per Node) Onboard Ports	128 GB	120 GD	128 GB
Onboard Forts			
	2 v OSEP28 (40Ch)	2 v OSED28 (40Ch)	4 v OSED28 (40Ch)
Ethernet Ports	2 x QSFP28 (40Gb)	2 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)
	2 x QSFP28 (40Gb) 6 x SFP28 (25Gb)	2 x QSFP28 (40Gb) 2 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)
Ethernet Ports Fibre Channel Ports UTA2 Ports	6 x SFP28 (25Gb)	2 x SFP28 (25Gb)	12 x SFP28 (25Gb)
Fibre Channel Ports	, ,	, ,	12 x SFP28 (25Gb) - Not Supported
Fibre Channel Ports UTA2 Ports	6 x SFP28 (25Gb) - Not Supported	2 x SFP28 (25Gb) - Not Supported	12 x SFP28 (25Gb)
Fibre Channel Ports UTA2 Ports Expansion Slots	6 x SFP28 (25Gb) - Not Supported 2 x M.2 PCIe, 5 x PCIe3	2 x SFP28 (25Gb)  Not Supported 2 x M.2 PCle, 5 x PCle3	12 x SFP28 (25Gb) - Not Supported 4 x M.2 PCle, 10 x PCle3
Fibre Channel Ports UTA2 Ports Expansion Slots SAS Ports Physical Characteristics Rack Units	6 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	2 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	12 x SFP28 (25Gb) - Not Supported 4 x M.2 PCle, 10 x PCle3 8 x MiniSAS HD (12Gb)
Fibre Channel Ports UTA2 Ports Expansion Slots SAS Ports Physical Characteristics	6 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	2 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	12 x SFP28 (25Gb) - Not Supported 4 x M.2 PCle, 10 x PCle3 8 x MiniSAS HD (12Gb)
Fibre Channel Ports UTA2 Ports Expansion Slots SAS Ports Physical Characteristics Rack Units	6 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	2 x SFP28 (25Gb)  - Not Supported 2 x M.2 PCle, 5 x PCle3 4 x MiniSAS HD (12Gb)	12 x SFP28 (25Gb) - Not Supported 4 x M.2 PCle, 10 x PCle3 8 x MiniSAS HD (12Gb)

<b></b>	I	I=	
	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC	FAS8300 4-Node Fabric
	Bundle	Bundle	MetroCluster, Ethernet Bundle
	Buildle	Buildle	-0.000000000000000000000000000000000000
	<u></u>		
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	47.01(44.7.555)		
Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Mgmt	54.72 (00.2 GH)	54.72 (66.2 GH)	34.72 (00.2 GH)
Chassis Depth without Cable	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Mgmt	, ,	, , , , , , , , , , , , , , , , , , ,	, ,
Chassis Weight			
System Clearance Dimensions			
Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance			
(Maintenance)	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36 01" (91 4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
rtear Glearange (maintenance)	00.01 (01.4 011)	00.01 (01.4 011)	00.01 (01.4 011)
<b>Environmental Requirements</b>			
	F0 to 05 do 11 5	50 to 05 do n 5	50 to 05 do 15
Operating Temperature Range	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C
	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
Storage Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
T	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
Transit Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m
	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
Storage Altitude Range	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
	Up to 39989.8 ft	Up to 39989.8 ft	Up to 39989.8 ft
Transit Altitude Range	Up to 12192 m	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound	8.2 bels	8.2 bels	8.5 bels
Power	0.2 5010	0.2 5010	0.0 0010
Acoustic Noise - Sound	64.1 dBA	64.1 dBA	67.2 dBA
Pressure			
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for			
selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware			
* indicates that firmware is			
bundled with Storage OS			
Version BIOS	16.6*	16.6*	16.6*
BMC	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards			
Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Ī	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	TOLE OF CEA IDAM NOM NIDGE
Certifications safety	SONCAP, TBS	SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS

	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch	FAS8300 4-Node Fabric
	, , , , , , , , , , , , , , , , , , , ,	MetroCluster, Optical SAS, FC	MetroCluster, Ethernet Bundle
	Bundle	Bundle	-00000000000000000000000000000000000000
Specifications		aguar aguar aguar aguar aguar aguar ag	4,44,44,44,44,44,44,44,44,44
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032,	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032,	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032,
Standards EMC/EMI	I		EN55035, EN61000-3-2, EN61000-3-3,
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003
	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS   EN62368-1, CAN/CSA C22.2 No.
Standards Safety	60950-1, CAN/CSA C22.2 No. 62368-	60950-1, CAN/CSA C22.2 No. 62368-	60950-1, CAN/CSA C22.2 No. 62368-
	1, EN60825-1, EN62368-1, IEC 62368- 1, IEC60950-1 (all national deviations),	1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations),	1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations),
	IS 13252(part 1)	IS 13252(part 1)	IS 13252(part 1)
System Availability & Support			
Release Date	Dec 2019	Dec 2019	Dec 2019
End of Availability (EOA) End of Support (EOS)	-	-	_
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	N/A	N/A	6,000
Maximum number of Export Rules	N/A	N/A	70,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client	N/A	N/A	102,400
objects  Maximum number of pNFS	N/A	N/A	1,024,000
objects WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit	N/A	N/A	N/A
Aggregate (TiB) Maximum Size of a 64-bit			
Volume (TiB)	N/A	N/A	N/A
Maximum file size in a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume Snapshot Copies	N/A	N/A	127,500
Maximum character length for Snapshot copy names	N/A	N/A	N/A
Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	N/A	N/A	30,000
Maximum number of			
concurrent DataMotion for Volumes (vol move)	N/A	N/A	16
operations			
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy	N/A	N/A	6,000
Groups Maximum number of QoS			
user workloads	N/A	N/A	20,000

	FAS8300 2-Node Stretch	FAS8300 2-Node Stretch	1
	MetroCluster, Optical SAS, Ethernet	MetroCluster, Optical SAS, FC	FAS8300 4-Node Fabric
	Bundle	Bundle	MetroCluster, Ethernet Bundle
Charifications	<b>- 3000000000000000000000000000000000000</b>		300000000000000000000000000000000000000
Specifications			
	ONTAR O O 4R4	ONTAR O O 4R4	ONTAR O O ARA
Maximum number of nodes	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	N/A	N/A	64
SAN			
Maximum number of flexible volumes - SAN	N/A	N/A	1,000
Maximum number of flexible			
volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	N/A	N/A	12,288
Maximum number of LUN	N/A	N/A	12,288
mappings Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth	N/A	N/A	N/A
available	IN/A	IN/A	IN/A
Maximum Number of SAN Hosts (ITNs)	N/A	N/A	8,192
Maximum number of LIFS -	N/A	N/A	256
Maximum number of LIFS -			
FCP	N/A	N/A	256
Maximum number of igroups	N/A	N/A	4,096
Maximum number of initiators	N/A	N/A	4,096
Maximum number of portsets	N/A	N/A	4,096
Maximum number of iSCSI	N/A	N/A	8,192
sessions CIES Charter Limits	Scope:HA Pair	Scope:HA Pair	
CIFS Cluster Limits  Maximum number of			Scope:HA Pair
connected shares	N/A	N/A	500,000
Maximum number of regular shares	N/A	N/A	150,000
Maximum number of open	N/A	N/A	350,000
files	IWA	IWA	000,000
Maximum number of local users	N/A	N/A	17,500
Maximum number of local	N/A	N/A	160,000
groups Maximum number of local			
group members	N/A	N/A	320,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP			
sessions	N/A	N/A	36
Maximum number of data			
protection (DP) mirrors and/or SnapVault relationships	N/A	N/A	500
Gilapyault relationships			
Maximum number of data			
protection (DP) mirrors and/or SnapVault relationships for	N/A	N/A	N/A
FabricPool			

Specifications	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	MotroClustor Ontical SAS EC	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror		N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	N/A	N/A	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

	FAS8300 4-Node Fabric	FAS8300 4-Node MetroCluster IP,	FAS8300 4-Node MetroCluster IP, FC
	MetroCluster, FC Bundle	Ethernet Bundle	Bundle
Specifications			
Storage Limits	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Number of Drives (Total)	720	720	720
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS	720	720	720
Drives Max Number of SAS Drives	720	720	720
Max Number of SATA Drives	720	720	720
Max Number of SSD Drives Max Number of DS212C	480	480	480
Shelves	60 external	60 external	60 external
Max Number of DS2246 Shelves	30 external	30 external	30 external
Max Number of DS224C Shelves	30 external	30 external	30 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246 Shelves	30 external	30 external	30 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	12 external	12 external	12 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	11,520,000	11,520,000	11,520,000
Effective Capacity Core Cluster Limits	51,131,520 Scope:HA Pair	51,131,520 Scope:HA Pair	51,131,520 Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	64	64	64
NAS	04	04	04
Maximum number of LIFs - NAS	256	256	256
Maximum number of connections - NAS	5,000	50,000	50,000
Maximum number of flexible volumes - NAS	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS and NFS combined)	700,000	1,024,000	1,024,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS /	2/2	2/2	2/2
SAN) Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
	Metrocluster, FC Bundle	Ethernet Bundle	Buridie
	La Carte Car		
Specifications	388888888888888888888888888888888888888	3446466644644	**************************************
opening			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data	Not Supported	Not Supported	Not Supported
Constituent Size Max FlexGroup Data		+	<u> </u>
Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size NetApp Volume Encryption	150 GiB [1] Supported	150 GiB [1] Supported	150 GiB [1] Supported
FlexArray Specifications	Joupported	Supported	Supported
Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Recommended Min Raw Capacity	Not Supported	Not Supported	Not Supported
Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN	Not Supported	Not Supported	Not Supported
Aggregate Min Array LUN Size – Root	-	-	-
Volume Spare Core Array LUN Min	Not Supported	Not Supported	Not Supported
Size Max RAID Groups in an		+ ''	<u> </u>
Aggregate	Not Supported	Not Supported	Not Supported
Block Size Neighborhood Visible and	Not Supported	Not Supported	Not Supported
Assigned Devices	Not Supported	Not Supported	Not Supported
Processor Model	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.20 Ghz	2.20 Ghz	2.20 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	8	8	8
Processor Cores (Per CPU)	10	10	10
Processor Cores (Per Node)	20	20	20
Processor Cores (Per Config)	80	80	80
Memory		· 	· ·
NVME (Per Node) NVME (Per Config)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB 128 GB	16 GB
RAM (Per Node) Onboard Ports	128 GB	120 UD	128 GB
Ethernet Ports	4 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)
Fibre Channel Ports	4 x SFP28 (25Gb)	12 x SFP28 (25Gb)	4 x SFP28 (25Gb)
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCIe, 10 x PCIe3
SAS Ports Physical Characteristics	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)
Rack Units	8	8	8
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	6.89" (17.5 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges	<u> </u>		<u> </u>

	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
	i Lasa <mark>e</mark>		i L
Specifications	34444444444	200000000000	34464666666
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Mounting Flanges Chassis Depth with Cable		11.10 (11.11 01.11)	17.5 (1.1. 5.1.)
Mgmt	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Chassis Depth without Cable	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Mgmt Chassis Weight		, ,	
System Clearance			
Dimensions Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance (Cooling)			
(Maintenance)	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Requirements			
Oneveting Temperature Bange	50 to 95 deg F	50 to 95 deg F	50 to 95 deg F
Operating Temperature Range	10 to 35 deg C	10 to 35 deg C	10 to 35 deg C
Storage Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
The state of the s	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	Up to 10000.0 ft	10 to 95 % Up to 10000.0 ft	10 to 95 % Up to 10000.0 ft
Operating Altitude Range	Up to 3048.0 m	Up to 3048.0 m	Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft Up to 12192.0 m	Up to 40000.0 ft Up to 12192.0 m	Up to 40000.0 ft Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft	Up to 39989.8 ft	Up to 39989.8 ft
	Up to 12192 m	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
Acoustic Noise - Sound	67.2 dBA	67.2 dBA	67.2 dBA
Pressure Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for	•		1.00 to 120
selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS Software and Firmware	9.9.1P4	9.9.1P4	9.9.1P4
* indicates that firmware is			
bundled with Storage OS			
Version BIOS	16.6*	16.6*	16.6*
ВМС	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards			
Compliance	AS/NZS ECC ICES KOO VOOL	AS/NIZS ECO JOES MOS MOST	AS/NZS ECC ICES VCC VCCI
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI BIS, CB, CSA, IRAM, NOM, NRCS,	AS/NZS, FCC, ICES, KCC, VCCI BIS, CB, CSA, IRAM, NOM, NRCS,	AS/NZS, FCC, ICES, KCC, VCCI BIS, CB, CSA, IRAM, NOM, NRCS,
Certifications safety	SONCAP, TBS	SONCAP, TBS	SONCAP, TBS

	FAS8300 4-Node Fabric	FAS8300 4-Node MetroCluster IP,	FAS8300 4-Node MetroCluster IP, FC
	MetroCluster, FC Bundle	Ethernet Bundle	Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI		EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Safety/EMC/EMI/RoHS	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR
Standards EMC/EMI	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3,
	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003	FCC Part 15 Class A, ICES-003
	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS EN62368-1, CAN/CSA C22.2 No.	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No.
Standards Safety	60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-
		1, IEC60950-1 (all national deviations), IS 13252(part 1)	1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support	10 10202(part 1)	10 10202(part 1)	10 10202(part 1)
Release Date	Dec 2019	Nov 2020	Nov 2020
End of Availability (EOA) End of Support (EOS)	-	-	-
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	6,000	6,000
Maximum number of Export Rules	70,000	70,000	70,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	102,400	102,400
Maximum number of pNFS objects	1,024,000	1,024,000	1,024,000
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum number of Volume	127,500	127,500	127,500
Snapshot Copies  Maximum character length for		N/A	N/A
Snapshot copy names  Maximum number of hard	N/A	N/A	N/A
links Maximum number of			
inodes/files	N/A	N/A	N/A
Maximum number of qtrees	30,000	30,000	30,000
Maximum number of concurrent DataMotion for	16	8	8
Volumes (vol move) operations			
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy	6,000	6,000	6,000
Groups Maximum number of QoS	20,000	20,000	
maximum mambor or doo	120 000	120 000	20,000

	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
		<u>.</u>	
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) - SAN	64	64	64
Maximum number of flexible volumes - SAN	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	12,288	12,288	12,288
Maximum number of LUN mappings	12,288	12,288	12,288
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	8,192	8,192
Maximum number of LIFS - iSCSI	256	256	256
Maximum number of LIFS -	256	256	256
Maximum number of igroups	4,096	4,096	4,096
Maximum number of initiators		4,096	4,096
Maximum number of portsets	4,096	4,096	4,096
Maximum number of iSCSI sessions	8,192	8,192	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	500,000	500,000
Maximum number of regular shares	150,000	150,000	150,000
Maximum number of open files	350,000	700,000	700,000
Maximum number of local users	17,500	17,500	17,500
Maximum number of local groups	160,000	160,000	160,000
Maximum number of local group members	320,000	320,000	320,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	500	500
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	IN/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	8	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications		1	
Storage Limits	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Number of Drives (Total)	1440	1440	1440
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS	1440	1440	1440
Drives Max Number of SAS Drives	1440	1440	1440
Max Number of SATA Drives	1440	1440	1440
Max Number of SSD Drives Max Number of DS212C	960	960	960
Shelves	120 external	120 external	120 external
Max Number of DS2246 Shelves	60 external	60 external	60 external
Max Number of DS224C Shelves	60 external	60 external	60 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246 Shelves	60 external	60 external	60 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	24 external	24 external	24 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	23,040,000	23,040,000	23,040,000
Effective Capacity Core Cluster Limits	102,263,040 Scope:HA Pair	102,263,040 Scope:HA Pair	51,131,520 Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	64	64	64
Maximum number of LIFs -	256	256	256
Maximum number of	5,000	5,000	50,000
Connections - NAS  Maximum number of flexible	1,000	1,000	1,000
volumes - NAS  Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS and NFS combined)	700,000	700,000	1,024,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	4 / 4	4 / 4	4 / 4
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications		***********	
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications			
Spray Core Array LUNs Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN	• •	·	· · · · · · · · · · · · · · · · · · ·
Aggregate Min Array LUN Size – Root	Not Supported	Not Supported	Not Supported
Volume Spare Core Array LUN Min	Not Supported	Not Supported	Not Supported
Size Max RAID Groups in an		<del>                                     </del>	<u> </u>
Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices	Not Supported	Not Supported	Not Supported
Processor Model	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.20 Ghz	2.20 Ghz	2.20 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	16	16	16
Processor Cores (Per CPU)	10	10	10
Processor Cores (Per Node)	20	20	20
Processor Cores (Per Config)	160	160	160
Memory NVME (Per Nede)	N/A	N/A	In/A
NVME (Per Node) NVME (Per Config)	N/A	N/A N/A	N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports	4 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)
Ethernet Ports Fibre Channel Ports	12 x SFP28 (25Gb)	4 x SFP28 (25Gb)	12 x SFP28 (25Gb)
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3
SAS Ports	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)
Physical Characteristics	146	146	16
Rack Units Chassis Height	16 6.89" (17.5 cm)	16 6.89" (17.5 cm)	16 6.89" (17.5 cm)
Chassis Width with Mounting	, ,	, ,	· /
Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
	<u> </u>	<u></u>	
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable Mgmt	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Chassis Depth without Cable Mgmt	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Chassis Weight			
System Clearance Dimensions			
Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance (Maintenance)	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Requirements			
Operating Temperature Range	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C
Storage Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft Up to 12192.0 m	Up to 40000.0 ft Up to 12192.0 m	Up to 40000.0 ft Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft	Up to 39989.8 ft	Up to 39989.8 ft
Acoustic Noise - Sound	Up to 12192 m 8.5 bels	Up to 12192 m 8.5 bels	Up to 12192 m 8.5 bels
Power Acoustic Noise - Sound	67.2 dBA	67.2 dBA	67.2 dBA
Pressure			
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is bundled with Storage OS Version			
BIOS	16.6*	16.6*	16.6*
BMC	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS

	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications		1	1
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-		ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
	Dec 2019	Dec 2019	May 2021
End of Availability (EOA) End of Support (EOS)	-	<u>-</u>	-
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	6,000	6,000
Maximum number of Export	70,000	70,000	70,000
Marrian III Cord Access	N/A	N/A	N/A
Maximum number of client objects	102,400	102,400	102,400
Maximum number of pNFS objects	1,024,000	1,024,000	1,024,000
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB) Maximum file size in a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume	127,500	127,500	127,500
Snapshot Copies  Maximum character length for	N/A	N/A	N/A
Snapshot copy names  Maximum number of hard  links	N/A	N/A	N/A
Maximum number of	N/A	N/A	N/A
	30,000	30,000	30,000
·			
Volumes (vol move)	16	16	8
concurrent DataMotion for Volumes (vol move) operations Quality of Service Cluster			
concurrent DataMotion for Volumes (vol move) operations Quality of Service Cluster Limits	Scope:HA Pair 6,000	Scope:HA Pair 6,000	Scope:HA Pair 6,000

	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications	24444444444	24444444444	24464464644
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	64	64
Maximum number of flexible volumes - SAN	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	12,288	12,288	12,288
Maximum number of LUN mappings	12,288	12,288	12,288
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	8,192	8,192
Maximum number of LIFS - iSCSI	256	256	256
Maximum number of LIFS - FCP	256	256	256
Maximum number of igroups	4,096	4,096	4,096
Maximum number of initiators	4,096	4,096	4,096
Maximum number of portsets	4,096	4,096	4,096
Maximum number of iSCSI sessions	8,192	8,192	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	500,000	500,000
Maximum number of regular shares	150,000	150,000	150,000
Maximum number of open files	350,000	350,000	700,000
Maximum number of local users	17,500	17,500	17,500
Maximum number of local groups	160,000	160,000	160,000
Maximum number of local group members	320,000	320,000	320,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	500	500
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or Snap Vault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror		N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	8	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

	FAS8300 8-Node MetroCluster IP, FC	FAS8300 Single Chassis HA Pair	FAS8300 Single Chassis HA Pair, FC
	Bundle	Ethernet Bundle	Bundle
Specifications	366666666666	366066666666	366666666666
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	1440	720	720
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	720	720
Max Number of NL-SAS Drives	1440	720	720
Max Number of SAS Drives	1440	720	720
Max Number of SATA Drives	1440	720	720
Max Number of SSD Drives Max Number of DS212C	960	480	480
Shelves	120 external	60 external	60 external
Max Number of DS2246 Shelves	60 external	30 external	30 external
Max Number of DS224C Shelves	60 external	30 external	30 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246	60 external	30 external	30 external
Max Number of DS4486	N/A	30 external	30 external
Shelves Max Number of DS460C	24 external	12 external	12 external
Shelves Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	23,040,000	11,520,000	11,520,000
Effective Capacity	51,131,520	51,131,520	51,131,520
Core Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) -	64	1,024	1,024
Maximum number of LIFs -	256	512	512
Maximum number of	50,000	100,000	100,000
connections - NAS Maximum number of flexible	1,000	2,000	2,000
volumes - NAS	1,000	2,000	2,000
Maximum number of flexible volumes with DPO - NAS	N/A	5,000	5,000
Maximum number of lock manager locked objects (CIFS and NFS combined)	1,024,000	1,200,000	1,200,000
Maximum Infinite Volume	N/A	N/A	N/A
Data Constituent Size  Minimum Root Aggregate	N/A	N/A	N/A
(MiB) Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	4 / 4	24 / 12	24 / 12
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS8300 8-Node MetroCluster IP, FC	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
	Buildle	Landingt Dunitle	Daniale
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	100 TiB	100 TiB
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications Spray Core Array LUNs			
Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity			
Spray Core Array LUNs Absolute Min Raw Capacity	Not Supported	Not Supported	Not Supported
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size	Not Supported	Not Supported	Not Supported
Min Size for an Array LUN Aggregate	Not Supported	Not Supported	Not Supported
Min Array LUN Size – Root Volume	-	-	-
Spare Core Array LUN Min Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices	Not Supported	Not Supported	Not Supported
Processor			
Processor Model Processor Architechture	64-bit 10-core 2.20 Ghz 64 bit	64-bit 10-core 2.20 Ghz 64 bit	64-bit 10-core 2.20 Ghz 64 bit
Processor Speed	2.20 Ghz	2.20 Ghz	2.20 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	16	4	4
Processor Cores (Per CPU)	10	10	10
Processor Cores (Per Node)	20	20	20
Processor Cores (Per Config)	160	40	40
Memory	(NV)	lavo.	(hyro
NVME (Per Node) NVME (Per Config)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports	4 x QSFP28 (40Gb)	4 x QSFP28 (40Gb)	1 OOFDC2 (4201)
Ethernet Ports Fibre Channel Ports	4 x SFP28 (25Gb)	8 x SFP28 (25Gb)	4 x QSFP28 (40Gb)
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3
SAS Ports Physical Characteristics	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)
Rack Units	16	4	4
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	6.89" (17.5 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges	/		

	FAS8300 8-Node MetroCluster IP, FC	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC
		300000000000000000000000000000000000000	
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Mounting Flanges Chassis Depth with Cable	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Mgmt Chassis Depth without Cable			<del> </del>
Mgmt	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Chassis Weight System Clearance			
Dimensions			
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Requirements			
Operating Temperature Range	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C
Storage Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F
Transit Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft
Transit Altitude Range	Up to 12192 m	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
Acoustic Noise - Sound	67.2 dBA	67.2 dBA	67.2 dBA
Pressure Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is bundled with Storage OS			
Version BIOS	16.6*	16.6*	16.6*
ВМС	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS

	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-		ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
Release Date	May 2021	Nov 2019	Nov 2019
End of Availability (EOA) End of Support (EOS)	-	-	-
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	24,000	24,000
Maximum number of Export Rules	70,000	200,000	200,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	100,000	100,000
Maximum number of pNFS objects	1,024,000	1,024,000	1,024,000
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum number of Volume	127,500	2,046,000	2,046,000
Snapshot Copies  Maximum character length for	N/A	N/A	N/A
Snapshot copy names  Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	30,000	200,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move) operations	8	16	16
Quality of Service Cluster	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy	6,000	12,000	12,000
Groups			

	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
Specifications			*************
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	250	250
Maximum number of flexible volumes - SAN	1,000	2,000	2,000
Maximum number of flexible volumes with DPO - SAN	N/A	5,000	5,000
Maximum number of LUNs	12,288	24,576	24,576
Maximum number of LUN mappings	12,288	24,576	24,576
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	16,384	16,384
Maximum number of LIFS - iSCSI	256	1,024	1,024
Maximum number of LIFS - FCP	256	1,024	1,024
Maximum number of igroups	4,096	8,192	8,192
Maximum number of initiators	4,096	8,192	8,192
Maximum number of portsets	4,096	8,192	8,192
Maximum number of iSCSI sessions	8,192	16,384	16,384
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	1,000,000	1,000,000
Maximum number of regular shares	150,000	300,000	300,000
Maximum number of open files	700,000	1,500,000	1,500,000
Maximum number of local users	17,500	35,000	35,000
Maximum number of local groups	160,000	320,000	320,000
Maximum number of local group members	320,000	640,000	640,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	2,000	2,000
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	IN/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	255	255
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	1,000	1,000

	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
Specifications		<u> </u>	1
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	1440	1440	2880
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	1440	1440	2880
Max Number of SAS Drives	1440	1440	2880
Max Number of SATA Drives	1440	1440	2880
Max Number of SSD Drives Max Number of DS212C	480	480	960
Shelves	80 external	80 external	160 external
Max Number of DS2246 Shelves	60 external	60 external	120 external
Max Number of DS224C Shelves	60 external	60 external	120 external
Max Number of DS4243 Shelves	N/A	N/A	N/A
Max Number of DS4246 Shelves	60 external	60 external	120 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	24 external	24 external	48 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	15,000,000	15,000,000	30,000,000
Effective Capacity Core Cluster Limits	66,577,500 Scope:HA Pair	66,577,500 Scope:HA Pair	88,867,647 Scope:HA Pair
Maximum number of storage	-		
virtual machines (SVMs) - NAS	64	64	64
Maximum number of LIFs - NAS	256	256	256
Maximum number of connections - NAS	50,000	50,000	50,000
Maximum number of flexible volumes - NAS	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS and NFS combined)	1,024,000	1,024,000	1,024,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	2/2	2/2	4 / 4
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications	1		
Spray Core Array LUNs Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity			
Max Array LUN Size Min Array LUN Size	Not Supported  Not Supported	Not Supported Not Supported	Not Supported Not Supported
Min Size for an Array LUN	, .		<u> </u>
Aggregate	Not Supported	Not Supported	Not Supported
Min Array LUN Size – Root Volume	-	-	-
Spare Core Array LUN Min Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and Assigned Devices	Not Supported	Not Supported	Not Supported
Processor	104 hit 40 ages 2 20 Ch-	C4 hit 40 core 2 20 Ch-	104 hit 40 ages 2 20 Ch-
Processor Model Processor Architechture	64-bit 16-core 2.30 Ghz 64 bit	64-bit 16-core 2.30 Ghz 64 bit	64-bit 16-core 2.30 Ghz 64 bit
Processor Speed	2.30 Ghz	2.30 Ghz	2.30 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	8	8	16
Processor Cores (Per CPU)	16	16	16
Processor Cores (Per Node)	32	32	32
Processor Cores (Per Config)	128	128	256
Memory	1	1	- Inves
NVME (Per Node)	N/A	N/A	N/A
NVME (Per Config) NVMEM (Per Node)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB	16 GB
RAM (Per Node)	256 GB	256 GB	256 GB
Onboard Ports	L. COEDOS (1981)	L. 005000 (200)	L4 005000 (1001)
Ethernet Ports	4 x QSFP28 (40Gb) 4 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 4 x SFP28 (25Gb)
Fibre Channel Ports	Not Supported	Not Supported	Not Supported
UTA2 Ports Expansion Slots	Not Supported 4 x M.2 PCle, 10 x PCle3	Not Supported 4 x M.2 PCle, 10 x PCle3	Not Supported 4 x M.2 PCIe, 10 x PCIe3
SAS Ports	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)
Physical Characteristics	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, , , , , , , , , , , , , , , , , , , ,	
Rack Units	8	8	16
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	6.89" (17.5 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
		1	
Specifications	************	***************************************	
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without			
Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable Mgmt	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Chassis Depth without Cable Mgmt	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Chassis Weight			
System Clearance			
Dimensions Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
(Maintenance)	· ·	, ,	, ,
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Requirements			
Operating Temperature Range	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C	50 to 95 deg F 10 to 35 deg C
Storage Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F
Transit Temperature Range	-40 to 196 deg F -40 to 70 deg C	-40 to 736 deg F	-40 to 736 deg F
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m	Up to 10000.0 ft Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
Storage Attitude Kange	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound	8.5 bels	8.5 bels	8.5 bels
Power Acoustic Noise - Sound			+
Pressure	67.2 dBA	67.2 dBA	67.2 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is bundled with Storage OS Version			
BIOS	16.6*	16.6*	16.6*
ВМС	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,

	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-		ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
	Nov 2020	Nov 2020	May 2021
End of Availability (EOA) End of Support (EOS)	<u>-</u>	<u>-</u>	-
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	6,000	6,000
Maximum number of Export	70,000	70,000	70,000
Massimasson NECts 4 Access	N/A	N/A	N/A
Maximum number of client	102,400	102,400	102,400
Maximum number of pNES	1,024,000	1,024,000	1,024,000
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit	N/A	N/A	N/A
Aggregate (TiB) Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum number of Volume	127,500	127,500	127,500
Snapshot Copies  Maximum character length for	N/A	N/A	N/A
Snapshot copy names  Maximum number of hard links	N/A	N/A	N/A
Maximum number of	N/A	N/A	N/A
	30,000	30,000	30,000
Maximum number of		8	8
concurrent DataMotion for Volumes (vol move)	8		
concurrent DataMotion for Volumes (vol move) operations Quality of Service Cluster			Scope:HA Pair
concurrent DataMotion for Volumes (vol move) operations Quality of Service Cluster Limits	Scope:HA Pair 6,000	Scope:HA Pair 6,000	Scope:HA Pair 6,000

	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
Specifications		************	***************************************
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	64	64
Maximum number of flexible volumes - SAN	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	12,288	12,288	12,288
Maximum number of LUN mappings	12,288	12,288	12,288
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	8,192	8,192
Maximum number of LIFS - iSCSI	256	256	256
Maximum number of LIFS - FCP	256	256	256
Maximum number of igroups	4,096	4,096	4,096
Maximum number of initiators	4,096	4,096	4,096
Maximum number of portsets	4,096	4,096	4,096
Maximum number of iSCSI sessions	8,192	8,192	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	500,000	500,000
Maximum number of regular shares	150,000	150,000	150,000
Maximum number of open files	700,000	700,000	700,000
Maximum number of local users	17,500	17,500	17,500
Maximum number of local groups	160,000	160,000	160,000
Maximum number of local group members	320,000	320,000	320,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	500	500
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or Snap Vault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror		N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	8	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

PASS700 SNAGE Methore()   Pass700 SNAGE Methor(buster in Pass700 Single Chassis NA Pair, Bundle)   Pass700 Singl			<u></u>	<u> </u>
Specifications		FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
Specifications				
Specifications				
Storage Limits				
Max Number of Drives (Total)   2880	Specifications			
Max Number of Drives (Total)   2880				
Max Number of Drives (Total)   2880				
Max Number of Drives (Total)   2880				
Max Number of Drives (Total)         2880         1440         1440           Max Number of Internal Drives         N/A         NIA         NIA           Max Number of MSATA Drives Drives         N/A         1440         1440           Max Number of SAS Drives Drives         2880         1440         1440           Max Number of SATA Drives Drives Max Number of DS212C         2880         1440         1440           Max Number of DS212C         600         480         480           Max Number of DS212C         160 external         80 external         80 external           Shelves         120 external         60 external         60 external           Max Number of DS224C         120 external         60 external         60 external           Shelves         120 external         60 external         60 external           Max Number of DS4243         N/A         N/A         N/A           Shelves         120 external         60 external         60 external           Max Number of DS4243         N/A         N/A         N/A           Shelves         120 external         60 external         60 external           Max Number of DS4460         48 external         24 external         60 external           Max Number of DS		ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Number of Internal Drives         N/A         N/A         N/A           Max Number of MSATA Drives         2880         1440         1440           Max Number of SAS Drives         2880         1440         1440           Max Number of SAS Drives         2880         1440         1440           Max Number of SATA Drives         860         480         480           Max Number of SSD Drives         960         480         480           Max Number of DS212C         160 external         80 external         80 external           Max Number of DS224S         150 external         60 external         60 external           Max Number of DS224B         120 external         60 external         60 external           Max Number of DS224B         120 external         60 external         60 external           Max Number of DS2424         N/A         N/A         N/A           Nalevies         Max Number of DS4248         N/A         N/A         N/A           Nalevies         N/A         N/A         N/A         N/A           Max Number of DS4486         N/A         N/A         60 external         60 external           Max Number of DS4490         48 external         24 external         24 external <tr< th=""><th></th><th></th><th></th><th></th></tr<>				
Drives	Max Number of Drives (Total)	2880	1440	1440
Max Number of MSATA Drives         N/A         1440         1440         1440           Max Number of NL-SAS Drives         2880         1440         1440         1440           Max Number of SAS Drives         2880         1440         1440         1440           Max Number of SSD Drives         960         480         480         480           Max Number of DS224C         160 external         80 external         30 external         30 external           Shelves         120 external         60 external         60 external         60 external           Max Number of DS224C         120 external         60 external         60 external           Shelves         N/A         N/A         N/A         N/A           Max Number of DS24C3         N/A         N/A         N/A         N/A           Shelves         N/A         N/A         N/A         N/A           Max Number of DS4246         N/A         N/A         60 external         60 external           Max Number of DS4486         N/A         60 external         60 external         60 external           Max Number of DS450C         48 external         24 external         24 external         24 external           Max Number of DS450C         48 external		N/A	N/A	N/A
Drives   2880   1440		N/A	1440	1440
Drives	Max Number of NL-SAS	2880	1440	1440
Max Number of SATA Drives         2880         1440         1440         1440           Max Number of SSD Drives         960         480         480         480           Max Number of DS212C         160 external         80 external         80 external         80 external           Max Number of DS224C Shelves         120 external         60 external         60 external         60 external           Max Number of DS4243 Shelves         N/A         N/A         N/A         N/A           Max Number of DS4246 Shelves         120 external         60 external         60 external           Max Number of DS4486 Shelves         N/A         60 external         60 external           Max Number of DS460C Shelves         48 external         24 external         60 external           Max Number of DS460C Shelves         48 external         24 external         24 external           Max Number of DS460C Shelves         48 external         24 external         25 external           Max Number of DS460C Shelves         48 external         24 external         25 external           Max Number of DS460C Shelves         48 external         24 external         25 external           Max Number of DS460C Shelves         48 external         24 external         25 external           Shelves				
Max Number of SSD Drives         960         480         480           Max Number of DS212C Shelves         160 external         80 external         80 external           Max Number of DS2246 Shelves         120 external         60 external         60 external           Max Number of DS224C Shelves         120 external         60 external         60 external           Max Number of DS4243 Shelves         N/A         N/A         N/A           Max Number of DS4446 Shelves         120 external         60 external         60 external           Max Number of DS4488 Shelves         N/A         60 external         60 external           Max Number of DS460C Shelves         48 external         24 external         24 external           Max Number of DS460C Shelves         48 external         24 external         24 external           Max Kumber of DS460C Shelves         48 external         24 external         24 external           Max Kumber of DS460C Shelves         48 external         24 external         24 external           Max Feet Shelves         30,000,000         15,000,000         15,000,000           Effective Capacity         88,887,847         66,577,500         66,577,500           Core Cluster Limits         8cope:HA Pair         8cope:HA Pair         8cope:HA Pair				
Max Number of DS212C   160 external   80 e				
Shelves	Shelves	120 external	60 external	60 external
Shelves	Shelves	N/A	N/A	N/A
Shelves		120 external	60 external	60 external
Max Number of DS460C Shelves         48 external         24 external         24 external           Capacity Limits         Scope:HA Pair         Scope:HA Pair         Scope:HA Pair           Marketing Maximum Raw Capacity         30,000,000         15,000,000         15,000,000           Effective Capacity         88,867,647         66,577,500         86,577,500           Core Cluster Limits         Scope:HA Pair         Scope:HA Pair           Maximum number of storage virtual machines (SVMs) - NAS         64         1,024         1,024           Maximum number of LIFs - NAS         256         512         512           Maximum number of connections - NAS         50,000         100,000         100,000           Maximum number of flexible volumes - NAS         1,000         2,000         2,000           Maximum number of flexible volumes with DPO - NAS         N/A         5,000         5,000           Maximum number of lock manager locked objects (CIFS and NFS combined)         1,024,000         1,200,000         1,200,000           Maximum Root Aggregate (MiB)         N/A         N/A         N/A		N/A	60 external	60 external
Capacity Limits         Scope:HA Pair         Scope:HA Pair         Scope:HA Pair           Marketing Maximum Raw Capacity         30,000,000         15,000,000         15,000,000           Effective Capacity         88,867,647         66,577,500         66,577,500           Core Cluster Limits         Scope:HA Pair         Scope:HA Pair         Scope:HA Pair           Maximum number of storage virtual machines (SVMs) - NAS         64         1,024         1,024           Maximum number of LIFs - NAS         256         512         512           Maximum number of connections - NAS         50,000         100,000         100,000           Maximum number of flexible volumes - NAS         1,000         2,000         2,000           Maximum number of flexible volumes with DPO - NAS         N/A         5,000         5,000           Maximum number of lock manager locked objects (CIFs and NFS combined)         1,024,000         1,200,000         1,200,000           Maximum Infinite Volume Data Constituent Size         N/A         N/A         N/A           Minimum Root Aggregate (MiB)         N/A         N/A         N/A	Max Number of DS460C	48 external	24 external	24 external
Capacity   S0,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   15,000,000   16,577,500   15,000,000   10,000   10,000   10,004   10,004   10,004   10,000   100,000   1	Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Effective Capacity   88,867,647   66,577,500   66,577,500		30,000,000	15,000,000	15,000,000
Maximum number of storage virtual machines (SVMs) - NAS         64         1,024         1,024           Maximum number of LIFs - NAS         256         512         512           Maximum number of connections - NAS         50,000         100,000         100,000           Maximum number of flexible volumes - NAS         1,000         2,000         2,000           Maximum number of flexible volumes with DPO - NAS         N/A         5,000         5,000           Maximum number of lock manager locked objects (CIFS and NFS combined)         1,024,000         1,200,000         1,200,000           Maximum Infinite Volume Data Constituent Size         N/A         N/A         N/A           Minimum Root Aggregate (MiB)         N/A         N/A         N/A	Effective Capacity			
virtual machines (SVMs) - NAS         64         1,024         1,024         1,024           Maximum number of LIFs - NAS         256         512         512           Maximum number of connections - NAS         50,000         100,000         100,000           Maximum number of flexible volumes - NAS         1,000         2,000         2,000           Maximum number of flexible volumes with DPO - NAS         N/A         5,000         5,000           Maximum number of lock manager locked objects (CIFS and NFS combined)         1,024,000         1,200,000         1,200,000           Maximum Infinite Volume Data Constituent Size         N/A         N/A         N/A           Minimum Root Aggregate (MiB)         N/A         N/A         N/A		Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of LIFs - NAS         256         512         512           Maximum number of connections - NAS         50,000         100,000         100,000           Maximum number of flexible volumes - NAS         1,000         2,000         2,000           Maximum number of flexible volumes with DPO - NAS         N/A         5,000         5,000           Maximum number of lock manager locked objects (CIFs and NFS combined)         1,024,000         1,200,000         1,200,000           Maximum Infinite Volume Data Constituent Size         N/A         N/A         N/A           Minimum Root Aggregate (MiB)         N/A         N/A         N/A	virtual machines (SVMs) -	64	1,024	1,024
Maximum number of connections - NAS  Maximum number of flexible volumes - NAS  Maximum number of flexible volumes with DPO - NAS  Maximum number of lock manager locked objects (CIFS and NFS combined)  Maximum Infinite Volume Data Constituent Size  Minimum Root Aggregate (MiB)  Maximum Root Aggregate (MiB)	Maximum number of LIFs -	256	512	512
Maximum number of flexible volumes - NAS  Maximum number of flexible volumes with DPO - NAS  Maximum number of flexible volumes with DPO - NAS  Maximum number of lock manager locked objects (CIFS and NFS combined)  Maximum Infinite Volume Data Constituent Size  Minimum Root Aggregate (MiB)  Maximum Root Aggregate (MiB)				
volumes - NAS       1,000       2,000       2,000         Maximum number of flexible volumes with DPO - NAS       N/A       5,000       5,000         Maximum number of lock manager locked objects (CIFS and NFS combined)       1,200,000       1,200,000       1,200,000         Maximum Infinite Volume Data Constituent Size       N/A       N/A       N/A         Minimum Root Aggregate (MiB)       N/A       N/A       N/A	connections - NAS			<u> </u>
volumes with DPO - NAS  Maximum number of lock manager locked objects (CIFS and NFS combined)  Maximum Infinite Volume Data Constituent Size  Minimum Root Aggregate (MiB)  N/A  N/A  N/A  N/A  N/A  N/A		1,000	2,000	2,000
manager locked objects (CIFS and NFS combined)  Maximum Infinite Volume Data Constituent Size  Minimum Root Aggregate (MiB)  1,200,000  1,200,000  1,200,000  1,200,000  N/A  N/A  N/A		N/A	5,000	5,000
Maximum Infinite Volume     N/A     N/A       Data Constituent Size     N/A       Minimum Root Aggregate (MiB)     N/A   N/A N/A N/A	manager locked objects (CIFS	1,024,000	1,200,000	1,200,000
Minimum Root Aggregate N/A N/A N/A	Maximum Infinite Volume	N/A	N/A	N/A
	Minimum Root Aggregate	N/A	N/A	N/A
		N/A	N/A	N/A
System Maximums and Limits				
Max Nodes per Cluster (NAS / 4 / 4 24 / 12 24 / 12	Max Nodes per Cluster (NAS /	4 / 4	24 / 12	24 / 12
SAN)         474         24712         24712           Max FabricPool Size         16800 TiB         16800 TiB         16800 TiB	(SAN)			

	FAS8700 8-Node MetroCluster IP	FAS8700 Single Chassis HA Pair,	FAS8700 Single Chassis HA Pair, FC
	(25Gb Ethernet)	Ethernet Bundle	Bundle
	-0.000000000000000000000000000000000000	-22000000000000	-0.000000000000000000000000000000000000
Specifications	3555555555555	344044044444	200000000000000000000000000000000000000
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data	Not Supported	Not Supported	Not Supported
Constituent Size			
Max FlexGroup Data Constituent Size	Not Supported	100 TiB	100 TiB
Min Root Volume Size	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications	1		
Spray Core Array LUNs Recommended Min Raw	Not Supported	Not Supported	Not Supported
Capacity	The Cupported	1140ι σαρροιίσα	Ινοι σαρροπεα
Spray Core Array LUNs	Not Supported	Not Supported	Not Supported
Absolute Min Raw Capacity	Not Supported	Not Supported	Not Supported
Max Array LUN Size	Not Supported	Not Supported	Not Supported
Min Array LUN Size Min Size for an Array LUN	Not Supported	Not Supported	Not Supported
Aggregate	Not Supported	Not Supported	Not Supported
Min Array LUN Size – Root Volume	-	-	-
Spare Core Array LUN Min Size	Not Supported	Not Supported	Not Supported
Max RAID Groups in an Aggregate	Not Supported	Not Supported	Not Supported
Block Size	Not Supported	Not Supported	Not Supported
Neighborhood Visible and	Not Supported	Not Supported	Not Supported
Assigned Devices Processor			
Processor Model	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.30 Ghz	2.30 Ghz	2.30 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	16	4	4
Processor Cores (Per CPU)	16	16	16
Processor Cores (Per Node)	32	32	32
Processor Cores (Per Config)	256	64	64
Memory			
NVME (Per Node)	N/A	N/A	N/A
NVME (Per Config) NVMEM (Per Node)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	16 GB	16 GB	16 GB
RAM (Per Node)	256 GB	256 GB	256 GB
Onboard Ports	4 v OSEDOO (400k)	4 × OCEDOS (4001)	
Ethernet Ports	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 8 x SFP28 (25Gb)	4 x QSFP28 (40Gb)
Fibre Channel Ports UTA2 Ports	Not Supported	- Not Supported	Not Supported
Expansion Slots	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCle, 10 x PCle3	4 x M.2 PCIe, 10 x PCIe3
SAS Ports	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)	8 x MiniSAS HD (12Gb)
Physical Characteristics	Lie		
Rack Units Chassis Height	16 6.89" (17.5 cm)	4 6.89" (17.5 cm)	4 6.89" (17.5 cm)
Chassis Height Chassis Width with Mounting	i i	i i	i i
Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

	1		
	FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Mounting Flanges Chassis Depth with Cable	,	, ,	<u> </u>
Mgmt	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
Chassis Depth without Cable	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
Mgmt Chassis Weight	,	,	
System Clearance			
Dimensions	Ta	To con use	
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
Environmental Beguirements			
Environmental Requirements	,		
Operating Temperature Range	50 to 95 deg F	50 to 95 deg F	50 to 95 deg F
	10 to 35 deg C -40 to 158 deg F	10 to 35 deg C -40 to 158 deg F	10 to 35 deg C -40 to 158 deg F
Storage Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F
On a mating at Dallating House differ			-40 to 70 deg C
Operating Relative Humidity	8 to 80 %	8 to 80 %	8 to 80 %
Storage Relative Humidity Transit Relative Humidity	10 to 95 % 10 to 95 %	10 to 95 % 10 to 95 %	10 to 95 % 10 to 95 %
	Up to 10000.0 ft	Up to 10000.0 ft	Up to 10000.0 ft
Operating Altitude Range	Up to 3048.0 m	Up to 3048.0 m	Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft	Up to 12192.0 m Up to 39989.8 ft
Transit Altitude Range	Up to 12192 m	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound	8.5 bels	8.5 bels	8.5 bels
Acoustic Noise - Sound		1	
Pressure	67.2 dBA	67.2 dBA	67.2 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS Software and Firmware	9.9.1P4	9.9.1P4	9.9.1P4
* indicates that firmware is			
bundled with Storage OS			
Version BIOS	16.6*	16.6*	16.6*
BMC	13.5*	13.5*	13.5*
Service Processor Firmware	N/A	N/A	N/A
Product Standards			<u></u>
Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS
	JOUNUAE, 100	JOUNGAE, IDO	JOUNGAE, IDO

	FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368- 1, IEC60950-1 (all national deviations), IS 13252(part 1)	ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
Release Date	May 2021	Nov 2019	Nov 2019
End of Availability (EOA) End of Support (EOS)	-	-	-
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	24,000	24,000
Maximum number of Export Rules	70,000	200,000	200,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	100,000	100,000
Maximum number of pNFS objects	1,024,000	1,024,000	1,024,000
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit	N/A	N/A	N/A
Aggregate (TiB)  Maximum Size of a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum file size in a 64-bit	N/A	N/A	N/A
Volume (TiB)  Maximum number of Volume	127,500	2.046.000	2,046,000
Snapshot Copies  Maximum character length for	N/A	N/A	N/A
Snapshot copy names  Maximum number of hard	N/A	N/A	N/A
Maximum number of	N/A	N/A	N/A
inodes/files  Maximum number of qtrees	30,000	200,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move)	8	16	16
Operations  Quality of Service Cluster	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Limits  Maximum number of Policy	6,000	12,000	12,000
Groups Maximum number of QoS			
user workloads	20,000	40,000	40,000

	FAS8700 8-Node MetroCluster IP	FAS8700 Single Chassis HA Pair,	FAS8700 Single Chassis HA Pair, FC
	(25Gb Ethernet)	Ethernet Bundle	Bundle
		I and the second	
Specifications			474747474747474
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits  Maximum number of storage	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
virtual machines (SVMs) - SAN	64	250	250
Maximum number of flexible volumes - SAN	1,000	2,000	2,000
Maximum number of flexible	N/A	5.000	5.000
volumes with DPO - SAN		,	ŕ
Maximum number of LUNs  Maximum number of LUN	12,288	24,576	24,576
mappings Maximum LUN size (TiB)	12,288 N/A	24,576 N/A	24,576 N/A
Maximum FC queue depth	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	16,384	16,384
Maximum number of LIFS -	256	1,024	1,024
Maximum number of LIFS -	256	1,024	1,024
Maximum number of igroups	4,096	8,192	8,192
Maximum number of initiators	4,096	8,192	8,192
Maximum number of portsets	4,096	8,192	8,192
Maximum number of iSCSI sessions	8,192	16,384	16,384
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	1,000,000	1,000,000
Maximum number of regular shares	150,000	300,000	300,000
Maximum number of open files	700,000	1,500,000	1,500,000
Maximum number of local users	17,500	35,000	35,000
Maximum number of local groups	160,000	320,000	320,000
Maximum number of local group members	320,000	640,000	640,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	2,000	2,000
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

Specifications	FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or Snap Vault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror		N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	8	255	255
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	1,000	1,000

	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits  Max Number of Drives (Total)	1440	1440	1440
Max Number of Internal	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS Drives	1440	1440	1440
Max Number of SAS Drives	1440	1440	1440
Max Number of SATA Drives	1440	1440	1440
Max Number of SSD Drives Max Number of DS212C	480	480	480
Shelves	120 external	120 external	80 external
Max Number of DS2246 Shelves	60 external	60 external	60 external
Max Number of DS224C Shelves	60 external	60 external	60 external
Max Number of DS4243 Shelves	60 external	60 external	60 external
Max Number of DS4246 Shelves	60 external	60 external	60 external
Max Number of DS4486 Shelves	N/A	N/A	N/A
Max Number of DS460C Shelves	24 external	24 external	24 external
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	N/A	N/A	N/A
Effective Capacity Core Cluster Limits	N/A Scope:HA Pair	N/A Scope:HA Pair	N/A Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	N/A	N/A	N/A
Maximum number of LIFs -	N/A	N/A	N/A
Maximum number of connections - NAS	N/A	N/A	N/A
Maximum number of flexible volumes - NAS	N/A	N/A	N/A
Maximum number of flexible volumes with DPO - NAS	N/A	N/A	N/A
Maximum number of lock manager locked objects (CIFS and NFS combined)	N/A	N/A	N/A
Maximum Infinite Volume Data Constituent Size	N/A	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A	N/A
System Maximums and Limits			
Max Nodes per Cluster (NAS / SAN)	1/1	1/1	1/1
Max FabricPool Size	8400 TiB	8400 TiB	8400 TiB

	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	962 GiB	962 GiB	962 GiB
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications Spray Core Array LUNs			
Recommended Min Raw	119.53 TiB <sup>[2]</sup>	119.53 TiB <sup>[2]</sup>	119.53 TiB <sup>[2]</sup>
Capacity Spray Core Array LUNs Absolute Min Raw Capacity	71.72 TiB <sup>[3]</sup>	71.72 TiB <sup>[3]</sup>	71.72 TiB <sup>[3]</sup>
Max Array LUN Size	15.31 TiB <sup>[4]</sup>	15.31 TiB <sup>[4]</sup>	15.31 TiB <sup>[4]</sup>
Min Array LUN Size	1.05 GiB	1.05 GiB	1.05 GiB
Min Size for an Array LUN Aggregate	1.25 TiB	1.25 TiB	1.25 TiB
Min Array LUN Size – Root Volume	1.70 TiB	1.70 TiB	1.70 TiB
Spare Core Array LUN Min Size	1.35 TiB	1.35 TiB	1.35 TiB
Max RAID Groups in an Aggregate	150	150	150
Block Size	512 bytes	512 bytes	512 bytes
Neighborhood Visible and Assigned Devices	-	-	-
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Model Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.30 Ghz	2.30 Ghz	2.30 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	4	4	4
Processor Cores (Per CPU)	18	18	18
Processor Cores (Per Node)	36	36	36
Processor Cores (Per Config)	72	72	72
Memory NVME (Per Nede)	INI/A	ĪΝ/Λ	INIA
NVME (Per Node) NVME (Per Config)	N/A N/A	N/A N/A	N/A N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	32 GB	32 GB	32 GB
RAM (Per Node) Onboard Ports	512 GB	512 GB	512 GB
Ethernet Ports	-	-	-
Fibre Channel Ports UTA2 Ports	-	-	-
Expansion Slots	10 x IO Module	10 x IO Module	10 x IO Module
SAS Ports Physical Characteristics	<u>-                                      </u>	-	- 
Rack Units	16	116	16
Chassis Height	14.02" (35.6 cm)	14.02" (35.6 cm)	14.02" (35.6 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges	10.02 (70.0 011)	10.02 (40.0 011)	13.02 (40.3 611)

	FAS9000 2-Node Fabric	FAS9000 2-Node Stretch	FAS9000 2-Node Stretch
	MetroCluster	MetroCluster, Fiber Bridge	MetroCluster, Optical SAS
	******	*****	***********
Specifications			
Specifications			
	E-17	- T	- F
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.72" (45 cm)	17.72" (45 cm)	17.72" (45 cm)
Chassis Depth with Cable	00.04# (00.5)	00.04# (00.5)	00.04# (00.5)
Mgmt	36.81" (93.5 cm)	36.81" (93.5 cm)	36.81" (93.5 cm)
Chassis Depth without Cable	30.79" (78.2 cm)	30.79" (78.2 cm)	30.79" (78.2 cm)
Mgmt Chassis Weight			
System Clearance			
Dimensions  Front Clearance (Cooling)	6 02" (15 2 am)	6 02" (15 2 om)	6 02" (15 2 om)
Front Clearance (Cooling) Front Clearance	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
(Maintenance)	31.01" (78.7 cm)	31.01" (78.7 cm)	31.01" (78.7 cm)
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	22.02" (55.9 cm)	22.02" (55.9 cm)	22.02" (55.9 cm)
Environmental Remains menta			
Environmental Requirements			
Operating Temperature Range	41 to 113 deg F	41 to 113 deg F	41 to 113 deg F
	5 to 45 deg C -40 to 158 deg F	5 to 45 deg C -40 to 158 deg F	5 to 45 deg C -40 to 158 deg F
Storage Temperature Range	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C	-40 to 70 deg C	-40 to 70 deg C
Operating Relative Humidity	8 to 90 %	8 to 90 %	8 to 90 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 % Up to 10000.0 ft	10 to 95 % Up to 10000.0 ft	10 to 95 % Up to 10000.0 ft
Operating Altitude Range	Up to 3048.0 m	Up to 3048.0 m	Up to 3048.0 m
Storage Altitude Range	Up to 40000.0 ft	Up to 40000.0 ft	Up to 40000.0 ft
otorago / iliitado rtango	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound	7.4 bels	7.4 bels	7.4 bels
Power	I .T DGIO	7.7 5013	7.7 0013
Acoustic Noise - Sound Pressure	65 dBA	65 dBA	65 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for			
selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS Software and Firmware	9.9.1P4	9.9.1P4	9.9.1P4
* indicates that firmware is			
bundled with Storage OS			
Version BIOS	10.12*	10.12*	10.12*
BMC	N/A	N/A	N/A
Service Processor Firmware	4.10*	4.10*	4.10*
	····•		
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,	BIS, CB, CSA, IRAM, NOM, NRCS,
	SONCAP, TBS	SONCAP, TBS	SONCAP, TBS

	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368-	ANSI/UL60950-1, ANSI/UL62368-1, BS-EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368-1, EN60825-1, EN62368-1, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
	Oct 2016	Oct 2016	Oct 2016
End of Availability (EOA) End of Support (EOS)	<u>-</u>	<u>-</u>	-
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Policies	N/A	N/A	N/A
Maximum number of Export Rules	N/A	N/A	N/A
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	N/A	N/A	N/A
Maximum number of pNFS objects	N/A	N/A	N/A
	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64 bit	N/A	N/A	N/A
Maximum file aims in a C4 bit	N/A	N/A	N/A
Maximum number of Volume	N/A	N/A	N/A
Maximum character length for Snapshot copy names	N/A	N/A	N/A
Maximum number of hard	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	N/A	N/A	N/A
Maximum number of concurrent DataMotion for Volumes (vol move) operations	N/A	N/A	N/A
	0 110 0 1	Scope:HA Pair	Scope:HA Pair
Quality of Service Cluster	Scope:HA Pair	ocope.na run	ocoponii t i dii
Limits  Maximum number of Reliev	N/A	N/A	N/A

	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	N/A	N/A	N/A
Maximum number of flexible volumes - SAN	N/A	N/A	N/A
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	N/A	N/A	N/A
Maximum number of LUN mappings	N/A	N/A	N/A
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available	N/A	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	N/A	N/A	N/A
Maximum number of LIFS - iSCSI	N/A	N/A	N/A
Maximum number of LIFS - FCP	N/A	N/A	N/A
Maximum number of igroups	N/A	N/A	N/A
Maximum number of initiators	N/A	N/A	N/A
Maximum number of portsets	N/A	N/A	N/A
Maximum number of iSCSI sessions	N/A	N/A	N/A
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	N/A	N/A	N/A
Maximum number of regular shares	N/A	N/A	N/A
Maximum number of open files	N/A	N/A	N/A
Maximum number of local users	N/A	N/A	N/A
Maximum number of local groups	N/A	N/A	N/A
Maximum number of local group members	N/A	N/A	N/A
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	N/A	N/A	N/A
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	N/A	N/A	N/A
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load	N/A	N/A	N/A
sharing (LS) mirrors			
Maximum number of			
concurrent Snap Mirror or	N/A	N/A	N/A
SnapVault transfers			
Ifor DP mirror	N/A	N/A	N/A
Maximum fan-out from source for LS mirror	N/A	N/A	N/A
Maximum number of clusters that can be peered	N/A	N/A	N/A
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster	
Specifications				
Storage Limits	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4	
Max Number of Drives (Total)	1440	1440	2880	
Max Number of Internal Drives	N/A	N/A	N/A	
Max Number of MSATA Drives	N/A	N/A	N/A	
Max Number of NL-SAS	1440	1440	2880	
Drives Max Number of SAS Drives	1440	1440	2880	
Max Number of SATA Drives	1440	1440	2880	
Max Number of SSD Drives	480	480	960	
Max Number of DS212C Shelves	120 external	80 external	240 external	
Max Number of DS2246 Shelves	60 external	60 external	120 external	
Max Number of DS224C Shelves	60 external	60 external	120 external	
Max Number of DS4243 Shelves	60 external	60 external	120 external	
Max Number of DS4246 Shelves	60 external	60 external	120 external	
Max Number of DS4486 Shelves	N/A	N/A	N/A	
Max Number of DS460C Shelves	24 external	24 external	48 external	
Capacity Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair	
Marketing Maximum Raw Capacity	15,000,000	15,000,000	30,000,000	
Effective Capacity Core Cluster Limits	66,577,500 Scope:HA Pair	66,577,500 Scope:HA Pair	133,155,000 Scope:HA Pair	
Maximum number of storage virtual machines (SVMs) -	64	64	64	
NAS Maximum number of LIFs -	256	256	256	
NAS Maximum number of	5,000	50.000	5,000	
connections - NAS Maximum number of flexible	1,000	1,000	1,000	
volumes - NAS  Maximum number of flexible	N/A	N/A	N/A	
volumes with DPO - NAS	IN/A	IN/A	IWA	
Maximum number of lock manager locked objects (CIFS and NFS combined)	700,000	1,024,000	700,000	
Maximum Infinite Volume  Data Constituent Size	N/A	N/A	N/A	
Minimum Root Aggregate (MiB)	N/A	N/A	N/A	
Minimum Root Volume (GiB)	N/A	N/A	N/A	
System Maximums and Limits				
Max Nodes per Cluster (NAS / SAN)	2/2	2/2	4 / 4	
Max FabricPool Size	8400 TiB	8400 TiB	8400 TiB	

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	Not Supported	Not Supported
Min Root Volume Size	962 GiB	962 GiB	962 GiB
NetApp Volume Encryption FlexArray Specifications	Supported	Supported	Supported
Spray Core Array LUNs			
Recommended Min Raw Capacity	119.53 TiB <sup>[2]</sup>	Not Supported	119.53 TiB <sup>[2]</sup>
Spray Core Array LUNs Absolute Min Raw Capacity	71.72 TiB <sup>[3]</sup>	Not Supported	71.72 TiB <sup>[3]</sup>
Max Array LUN Size	15.31 TiB <sup>[4]</sup>	Not Supported	15.31 TiB <sup>[4]</sup>
Min Array LUN Size	1.05 GiB	Not Supported	1.05 GiB
Min Size for an Array LUN	1.25 TiB	Not Supported	1.25 TiB
Aggregate Min Array LUN Size – Root	1.70 TiB	Not Supported	1.70 TiB
Volume Spare Core Array LUN Min	1.35 TiB	Not Supported	1.35 TiB
Size Max RAID Groups in an	150	Not Supported	150
Aggregate			
Block Size	512 bytes	Not Supported	512 bytes
Neighborhood Visible and Assigned Devices Processor	-	Not Supported	-
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Architechture	64 bit	64 bit	64 bit
Processor Speed	2.30 Ghz	2.30 Ghz	2.30 Ghz
Processor Count (Per Node)	2	2	2
Processor Count (Per Config)	8	8	16
Processor Cores (Per CPU)	18	18	18
Processor Cores (Per Node)	36	36	36
Processor Cores (Per Config)	144	144	288
Memory NVME (Per Node)	N/A	N/A	N/A
NVME (Per Node)	N/A	N/A	N/A
NVMEM (Per Node)	N/A	N/A	N/A
NVMEM (Per Config)	N/A	N/A	N/A
NVRAM (Per Node)	32 GB	32 GB	32 GB
RAM (Per Node)	512 GB	512 GB	512 GB
Onboard Ports			
Ethernet Ports Fibre Channel Ports	-	-	-
UTA2 Ports	-	Not Supported	-
Expansion Slots SAS Ports	20 x IO Module	20 x IO Module	20 x IO Module
Physical Characteristics	<u> </u>		<u></u>
Rack Units	16	16	32
Chassis Height	14.02" (35.6 cm)	14.02" (35.6 cm)	14.02" (35.6 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges	10.02 (40.0 011)	10.02 (40.0 011)	10.02 (40.0 011)

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.72" (45 cm)	17.72" (45 cm)	17.72" (45 cm)
Chassis Depth with Cable Mgmt	36.81" (93.5 cm)	36.81" (93.5 cm)	36.81" (93.5 cm)
Chassis Depth without Cable	30.79" (78.2 cm)	30.79" (78.2 cm)	30.79" (78.2 cm)
Mgmt Chassis Weight			+
System Clearance Dimensions			
Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance	31.01" (78.7 cm)	31.01" (78.7 cm)	31.01" (78.7 cm)
(Maintenance)	· · ·	· · · · · ·	· · ·
Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	22.02" (55.9 cm)	22.02" (55.9 cm)	22.02" (55.9 cm)
Environmental Requirements			
Operating Temperature Range	41 to 113 deg F 5 to 45 deg C	41 to 113 deg F 5 to 45 deg C	41 to 113 deg F 5 to 45 deg C
Storage Temperature Range	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C	-40 to 158 deg F -40 to 70 deg C
Transit Temperature Range	-40 to 158 deg F	-40 to 158 deg F	-40 to 158 deg F
Operating Relative Humidity	-40 to 70 deg C 8 to 90 %	-40 to 70 deg C 8 to 90 %	-40 to 70 deg C 8 to 90 %
Storage Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft	Up to 10000.0 ft	Up to 10000.0 ft
	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft
Storage Altitude Range	Up to 12192.0 m	Up to 12192.0 m	Up to 12192.0 m
Transit Altitude Range	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound	7.4 bels	7.4 bels	7.4 bels
Power Acoustic Noise - Sound			
Pressure	65 dBA	65 dBA	65 dBA
Input Power Voltage	100 to 120	100 to 120	100 to 120
Storage OS Requirements (for selected major version)			
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is bundled with Storage OS Version			
BIOS	10.12*	10.12*	10.12*
BMC	N/A 4 10*	N/A	N/A
Service Processor Firmware	4.10*	4.10*	4.10*
Product Standards Compliance			
Certifications EMC/EMI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
Certifications safety	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
Standards EMC/EMI	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	BS-EN-55024, BS-EN55035, CISPR 32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003
Standards Safety	·	·	ANSI/UL60950-1, ANSI/UL62368-1, BS EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368- 1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
Release Date	Oct 2016	Oct 2016	Oct 2016
End of Availability (EOA) End of Support (EOS)	-	-	-
NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	6,000	6,000
Maximum number of Export Rules	70,000	70,000	70,000
Maximum NFSv4 Access Control Entries	N/A	N/A	N/A
Maximum number of client objects	102,400	102,400	102,400
Maximum number of pNFS objects	1,024,000	1,024,000	1,024,000
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A	N/A
Maximum Size of a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum file size in a 64-bit Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume Snapshot Copies	127,500	127,500	127,500
Maximum character length for Snapshot copy names	N/A	N/A	N/A
Maximum number of hard links	N/A	N/A	N/A
Maximum number of inodes/files	N/A	N/A	N/A
Maximum number of qtrees	30,000	30,000	30,000
Maximum number of concurrent DataMotion for Volumes (vol move) operations	16	16	16
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	6,000	6,000
Maximum number of QoS	20,000	20,000	20,000

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	64	64
Maximum number of flexible volumes - SAN	1,000	1,000	1,000
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	12,288	12,288	12,288
Maximum number of LUN mappings	12,288	12,288	12,288
Maximum LUN size (TiB)	N/A	N/A	N/A
Maximum FC queue depth available  Maximum Number of SAN	N/A	N/A	N/A
Hosts (ITNs)	8,192	8,192	8,192
Maximum number of LIFS -	256	256	256
Maximum number of LIFS - FCP	256	256	256
Maximum number of igroups	4,096	4,096	4,096
Maximum number of initiators	4,096	4,096	4,096
Maximum number of portsets	4,096	4,096	4,096
Maximum number of iSCSI sessions	8,192	8,192	8,192
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	500,000	500,000
Maximum number of regular shares	150,000	150,000	150,000
Maximum number of open files	350,000	700,000	350,000
Maximum number of local users	17,500	17,500	17,500
Maximum number of local groups	160,000	160,000	160,000
Maximum number of local group members	320,000	320,000	320,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	500	500
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster			
Specifications	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4			
Maximum number of load						
sharing (LS) mirrors	N/A	N/A	N/A			
Maximum number of						
concurrent Snap Mirror or	N/A	N/A	N/A			
SnapVault transfers						
Maximum fan-out from source for DP mirror		N/A	N/A			
Maximum fan-out from source for LS mirror	N/A	N/A	N/A			
Maximum number of clusters that can be peered	8	8	8			
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A			

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
Specifications		
Storage Limite	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits		
Max Number of Drives (Total)	2880	1440
Max Number of Internal Drives	N/A	N/A
Max Number of MSATA Drives	N/A	1440
Max Number of NL-SAS Drives	2880	1440
Max Number of SAS Drives	2880	1440
Max Number of SATA Drives	2880	1440
Max Number of SSD Drives	960	480
Max Number of DS212C Shelves	160 external	80 external
Max Number of DS2246 Shelves	120 external	60 external
Max Number of DS224C Shelves	120 external	60 external
Max Number of DS4243 Shelves	120 external	60 external
Max Number of DS4246 Shelves	120 external	60 external
Max Number of DS4486 Shelves	N/A	30 external
Max Number of DS460C Shelves	48 external	24 external
Capacity Limits  Marketing Maximum Raw	Scope:HA Pair	Scope:HA Pair
Capacity Effective Capacity	30,000,000 133,155,000	15,000,000 66,577,500
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) -	64	1,024
NAS Maximum number of LIFs - NAS	256	512
Maximum number of connections - NAS	50,000	100,000
Maximum number of flexible volumes - NAS	1,000	2,000
Maximum number of flexible volumes with DPO - NAS	N/A	5,000
Maximum number of lock manager locked objects (CIFS and NFS combined)	1,024,000	3,000,000
Maximum Infinite Volume Data Constituent Size	N/A	N/A
Minimum Root Aggregate (MiB)	N/A	N/A
Minimum Root Volume (GiB)	N/A	N/A
System Maximums and Limits		
Max Nodes per Cluster (NAS / SAN)	4/4	24 / 12
Max FabricPool Size	8400 TiB	8400 TiB

	T	
	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
	A33000 0-Node Metrociuster ir	1 A00000 Silligle Chassis HA Fall
	555555555555555555555555555555555555555	5555555555555
	<u></u>	
Specifications	300000000000000000000000000000000000000	
	20220000000000000000000000000000000000	20220000000000000000000000000000000000
		F1
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data	Not Supported	Not Supported
Constituent Size	The Supported	The Supported
Max FlexGroup Data	Not Supported	100 TiB
Constituent Size Min Root Volume Size	962 GiB	962 GiB
NetApp Volume Encryption	Supported	Supported
FlexArray Specifications	Toophorica	
Spray Core Array LUNs		
Recommended Min Raw	Not Supported	119.53 TiB <sup>[2]</sup>
Capacity		
Spray Core Array LUNs	Not Supported	71.72 TiB <sup>[3]</sup>
Absolute Min Raw Capacity		
Max Array LUN Size Min Array LUN Size	Not Supported  Not Supported	15.31 TiB <sup>[4]</sup> 1.05 GiB
Min Size for an Array LUN	Not Supported	1.05 GIB
Aggregate	Not Supported	1.25 TiB
Min Array LUN Size – Root		4 = 0 = 10
Volume	-	1.70 TiB
Spare Core Array LUN Min	Not Supported	1.35 TiB
Size	140t Supported	1.00 110
Max RAID Groups in an	Not Supported	150
Aggregate Block Size	Not Supported	F12 bytos
Neighborhood Visible and	Not Supported	512 bytes
Assigned Devices	Not Supported	-
Processor		
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Architechture	64 bit	64 bit
Processor Speed	2.30 Ghz	2.30 Ghz
Processor Count (Per Node)	2	2
Processor Count (Per Config)	16	4
Processor Cores (Per OPI)	10	10
Processor Cores (Per CPU)	18	18
Processor Cores (Per Node)	36	36
Processor Cores (Per Config)	288	72
Memory		
NVME (Per Node)	In/a	N/A
NVME (Per Config)	N/A	N/A
NVMEM (Per Node)	N/A	N/A
NVMEM (Per Config)	N/A	N/A
NVRAM (Per Node)	32 GB	32 GB
RAM (Per Node) Onboard Ports	512 GB	512 GB
Ethernet Ports	-	-
Fibre Channel Ports	-	-
UTA2 Ports	Not Supported	-
Expansion Slots	20 x IO Module	20 x IO Module
SAS Ports	-	-
Physical Characteristics	loo	
Rack Units	32	8 14 02" (35.6 cm)
Chassis Height	14.02" (35.6 cm)	14.02" (35.6 cm)
Chassis Width with Mounting	19.02" (48.3 cm)	19.02" (48.3 cm)
Flanges	I	

	1	
	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
	**********	
Specifications		
		404400000444
	and Vi	4-4 F 1
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without	17.72" (45 cm)	17.72" (45 cm)
Mounting Flanges	, ,	, ,
Chassis Depth with Cable	36.81" (93.5 cm)	36.81" (93.5 cm)
Mgmt Chassis Depth without Cable		<u> </u>
Mgmt	30.79" (78.2 cm)	30.79" (78.2 cm)
Chassis Weight		
System Clearance		
Dimensions		
Front Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)
Front Clearance	31.01" (78.7 cm)	31.01" (78.7 cm)
(Maintenance) Rear Clearance (Cooling)	6.03" (15.3 cm)	6.03" (15.3 cm)
Rear Clearance (Maintenance)	22.02" (55.9 cm)	22.02" (55.9 cm)
Environmental Requirements		
Environmental Requirements		
Operating Temperature Range	41 to 113 deg F	41 to 113 deg F
3 1 1 1 3 3	5 to 45 deg C	5 to 45 deg C
Storage Temperature Range	-40 to 158 deg F	-40 to 158 deg F
	-40 to 70 deg C -40 to 158 deg F	-40 to 70 deg C -40 to 158 deg F
Transit Temperature Range	-40 to 70 deg C	-40 to 70 deg C
On a matter of Datation Hamilita		
Operating Relative Humidity	8 to 90 %	8 to 90 %
Storage Relative Humidity	10 to 95 %	10 to 95 %
Transit Relative Humidity	10 to 95 %	10 to 95 %
Operating Altitude Range	Up to 10000.0 ft	Up to 10000.0 ft
	Up to 3048.0 m Up to 40000.0 ft	Up to 3048.0 m Up to 40000.0 ft
Storage Altitude Range	Up to 12192.0 m	Up to 12192.0 m
	Up to 39989.8 ft	Up to 39989.8 ft
Transit Altitude Range	Up to 12192 m	Up to 12192 m
Acoustic Noise - Sound	7.4 bels	7.4 bels
Power		55.5
Acoustic Noise - Sound	65 dBA	65 dBA
Pressure Input Power Voltage	100 to 120	100 to 120
		1.50 to 120
Storage OS Requirements (for		
selected major version)		
Recommended Version	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
Minimum OS	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is		
* indicates that firmware is bundled with Storage OS		
Version Version		
BIOS	10.12*	10.12*
ВМС	N/A	N/A
Service Processor Firmware	4.10*	4.10*
Product Standards		
Compliance Certifications EMC/EMI	AS/NZS ECC ICES KCC VCCI	AS/N/7S ECC ICES KCC VCCI
	AS/NZS, FCC, ICES, KCC, VCCI BIS, CB, CSA, IRAM, NOM, NRCS,	AS/NZS, FCC, ICES, KCC, VCCI BIS, CB, CSA, IRAM, NOM, NRCS,
Certifications safety	SONCAP, TBS	SONCAP, TBS
<u> </u>	100.10/11 , 100	100110711, 100

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
Specifications		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications	BSMI, CE, UKCA	BSMI, CE, UKCA
Safety/EMC/EMI/RoHS	BS-EN-55024, BS-EN55035, CISPR	BS-EN-55024, BS-EN55035, CISPR
Standards EMC/EMI	32, EN55022, EN55024, EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003	32, EN55022, EN55024, EN55032,
Standards Safety		ANSI/UL60950-1, ANSI/UL62368-1, BS- EN62368-1, CAN/CSA C22.2 No. 60950-1, CAN/CSA C22.2 No. 62368- 1, EN60825-1, EN62368-1, IEC 62368- 1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support		
Release Date	May 2021	Oct 2016
End of Availability (EOA)	-	-
End of Support (EOS)  NFS Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of Export Policies	6,000	24,000
Maximum number of Export	70,000	200,000
Maximum NFSv4 Access	N/A	N/A
ICOntrol Entries		
Control Entries  Maximum number of client	102,400	100,000
Maximum number of client objects  Maximum number of pNFS	102,400 1,024,000	1,024,000
Maximum number of client objects	,	, , , , , , , , , , , , , , , , , , ,
Maximum number of client objects Maximum number of pNFS objects WAFL Cluster Limits Maximum Size of a 64-bit	1,024,000	1,024,000
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit	1,024,000 Scope:HA Pair	1,024,000 Scope:HA Pair
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit	1,024,000 Scope:HA Pair N/A	1,024,000 Scope:HA Pair N/A
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume	1,024,000 Scope:HA Pair N/A N/A	1,024,000  Scope:HA Pair  N/A  N/A
Maximum number of client objects Maximum number of pNFS objects WAFL Cluster Limits Maximum Size of a 64-bit Aggregate (TiB) Maximum Size of a 64-bit Volume (TiB) Maximum file size in a 64-bit Volume (TiB) Maximum number of Volume Snapshot Copies Maximum character length for	1,024,000  Scope:HA Pair  N/A  N/A  N/A	1,024,000  Scope:HA Pair  N/A  N/A  N/A
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links  Maximum number of	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500  N/A	1,024,000 Scope:HA Pair N/A N/A N/A 2,046,000 N/A
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500  N/A  N/A	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000  N/A  N/A
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links  Maximum number of inodes/files	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500  N/A  N/A  N/A	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000  N/A  N/A  N/A
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links  Maximum number of inodes/files  Maximum number of qtrees  Maximum number of concurrent DataMotion for Volumes (vol move) operations  Quality of Service Cluster	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500  N/A  N/A  N/A  N/A  N/A  30,000	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000  N/A  N/A  N/A  N/A  200,000
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links  Maximum number of inodes/files  Maximum number of qtrees  Maximum number of concurrent DataMotion for Volumes (vol move) operations  Quality of Service Cluster Limits  Maximum number of Policy	1,024,000  Scope:HA Pair  N/A  N/A  N/A  127,500  N/A  N/A  N/A  N/A  16	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000  N/A  N/A  N/A  N/A  200,000  16
Maximum number of client objects  Maximum number of pNFS objects  WAFL Cluster Limits  Maximum Size of a 64-bit Aggregate (TiB)  Maximum Size of a 64-bit Volume (TiB)  Maximum file size in a 64-bit Volume (TiB)  Maximum number of Volume Snapshot Copies  Maximum character length for Snapshot copy names  Maximum number of hard links  Maximum number of inodes/files  Maximum number of qtrees  Maximum number of concurrent DataMotion for Volumes (vol move) operations  Quality of Service Cluster Limits	1,024,000  Scope:HA Pair  N/A  N/A  127,500  N/A  N/A  N/A  N/A  N/A  Scope:HA Pair	1,024,000  Scope:HA Pair  N/A  N/A  N/A  2,046,000  N/A  N/A  N/A  N/A  200,000  16  Scope:HA Pair

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
Specifications		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A
SAN Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - SAN	64	250
Maximum number of flexible volumes - SAN	1,000	2,000
Maximum number of flexible volumes with DPO - SAN	N/A	5,000
Maximum number of LUNs	12,288	24,576
Maximum number of LUN mappings	12,288	24,576
Maximum LUN size (TiB)	N/A	N/A
Maximum FC queue depth	N/A	N/A
Maximum Number of SAN Hosts (ITNs)	8,192	16,384
Maximum number of LIFS - iSCSI	256	1,024
Maximum number of LIFS -	256	1,024
Maximum number of igroups	4,096	8,192
Maximum number of initiators	4,096	8,192
Maximum number of portsets	4,096	8,192
Maximum number of iSCSI sessions	8,192	16,384
CIFS Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of connected shares	500,000	1,000,000
Maximum number of regular shares	150,000	300,000
Maximum number of open files	700,000	1,500,000
Maximum number of local users	17,500	35,000
Maximum number of local groups	160,000	320,000
Maximum number of local group members	320,000	640,000
Data Protection Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of NDMP sessions	36	36
Maximum number of data protection (DP) mirrors and/or SnapVault relationships	500	2,000
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair					
Specifications							
	ONTAP 9.9.1P4	ONTAP 9.9.1P4					
Maximum number of load	N/A	N/A					
sharing (LS) mirrors	N/A	IV/A					
Maximum number of							
concurrent Snap Mirror or	N/A	N/A					
SnapVault transfers							
Maximum fan-out from source for DP mirror	N/A	N/A					
Maximum fan-out from source for LS mirror	N/A	N/A					
Maximum number of clusters that can be peered	8	255					
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	1,000					

Notes ID	Notes Description
1	The root volume and aggregate on this system are significantly smaller than on previous generation systems. Core dump files that used to be written to the root volume are now written to the controller's boot media, instead.
2	A spray core occurs when there is no suitable spare core or if the spare core increase disruption time, then the system attempts to stripe the coredump over the non-file system region of multiple array LUNs. For a spray core to operate, a minimum total capacity of array LUNs assigned to the system is required which is defined by this value. If greater than 2 TiB array LUNs are used, the required capacity is increased five times because the non-file system region is a smaller percentage of the total space (0.2% compared to 1%).
3	A spray core occurs when there is no suitable spare core or if the spare core increase disruption time, then the system attempts to stripe the coredump over the non-file system region of multiple array LUNs. If there is no enough capacity available as per the Spray Core Array LUNs Recommended Min Raw Capacity (GiB) attribute value, the system attempts to first compress the data before spraying. Assuming 60% compression, the system should have at least the total assigned capacity as per the Spray Core Array LUNs Absolute Min Raw Capacity (GiB) attribute value for a compressed spray core to work. If greater than 2 TiB array LUNs are used, the required capacity is increased five times because the non-file system region is a smaller percentage of the total space (0.2% compared to 1%)".
4	The maximum LUN size provided is a number determined by the V-Series/FlexArray product team. Supported maximum LUN size will be the lesser of published maximum LUN size by NetApp and maximum LUN size supported by the backend array
5	The onboard UTA2 ports can be configured as FC Target/Initiator or CNA (FCoE target/Ethernet). The UTA2 ports are based on a dual port ASIC and both ports on each ASIC must be set to the same mode (enforced by Data ONTAP). Install X6599A-R6 10GbE SFP+ modules or approved copper twinax cables when using in CNA (FCoE target/Ethernet) mode. Install X6596-R6 16Gb FC SFP+ module when using in FC Target/Initiator mode.

# Size, Weight, Acoustic, Power

## **FAS2720 with ONTAP 9.9.1P4**

Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	BTU/Hr Worst
Embedded Drive (	Config (Empty)			<u> </u>	<u> </u>	<u> </u>				<u> </u>	<u> </u>	<u> </u>
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	100	2.53	3.42	247	335	843	1144
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	100	2.53	3.42	247	335	843	1144
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	200	1.24	1.68	243	329	830	1123
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	200	1.24	1.68	243	329	830	1123
Embedded Drive C	Config (Full)											
FAS2720-101-C	FAS2720 2 PCM 12x2TB NL-SAS	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	100	3.65	4.55	357	445	1219	1519
FAS2720-101-C	FAS2720 2 PCM 12x2TB NL-SAS	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	100	3.65	4.55	357	445	1219	1519
FAS2720-101-C	FAS2720 2 PCM 12x2TB NL-SAS	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	200	1.79	2.23	350	437	1195	1492
FAS2720-101-C	FAS2720 2 PCM 12x2TB NL-SAS	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	200	1.79	2.23	350	437	1195	1492
FAS2720-102-C	FAS2720 2 PCM 12x4TB	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	100	4.14	5.04	405	493	1383	1683
FAS2720-102-C	FAS2720 2 PCM 12x4TB	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	100	4.14	5.04	405	493	1383	1683
FAS2720-102-C	FAS2720 2 PCM 12x4TB	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	200	2.03	2.47	397	484	1355	1652
FAS2720-102-C	FAS2720 2 PCM 12x4TB	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	200	2.03	2.47	397	484	1355	1652
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	100	4.18	5.07	409	496	1396	1693
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	100	4.18	5.07	409	496	1396	1693
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	200	2.05	2.49	401	487	1369	1663
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	200	2.05	2.49	401	487	1369	1663
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)		51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-105-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-105-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-105-C	FAS2720 2 PCM 12x10TB NSE	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-105-C	FAS2720 2 PCM 12x10TB NSE	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	100	3.89	4.79	381	469	1301	1601
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	100	3.89	4.79	381	469	1301	1601
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	200	1.91	2.35	374	460	1277	1570
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	200	1.91	2.35	374	460	1277	1570
Embedded Drive (	Config (Mixed)										_	

FAS2720-106-C	FAS2720 2 PCM 4x960GB, 8x2TB	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	100	3.80	4.70	372	460	1270	1570
FAS2720-106-C	FAS2720 2 PCM 4x960GB, 8x2TB	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	100	3.80	4.70	372	460	1270	1570
FAS2720-106-C	FAS2720 2 PCM 4x960GB, 8x2TB	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	200	1.87	2.31	365	451	1246	1540
FAS2720-106-C	FAS2720 2 PCM 4x960GB, 8x2TB	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	200	1.87	2.31	365	451	1246	1540
FAS2720-107-C	FAS2720 2 PCM 4x960GB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.05	4.94	396	484	1352	1652
FAS2720-107-C	FAS2720 2 PCM 4x960GB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.05	4.94	396	484	1352	1652
FAS2720-107-C	FAS2720 2 PCM 4x960GB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	1.99	2.43	389	475	1328	1622
FAS2720-107-C	FAS2720 2 PCM 4x960GB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	1.99	2.43	389	475	1328	1622
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.07	4.96	398	486	1359	1659
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.07	4.96	398	486	1359	1659
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.00	2.44	391	477	1335	1628
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.00	2.44	391	477	1335	1628
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	100	3.90	4.80	382	470	1304	1605
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	100	3.90	4.80	382	470	1304	1605
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	200	1.92	2.36	375	461	1280	1574
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	200	1.92	2.36	375	461	1280	1574
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.08	4.97	399	487	1362	1663
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.08	4.97	399	487	1362	1663
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	2.00	2.44	392	478	1338	1632
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	2.00	2.44	392	478	1338	1632
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.11	5.00	402	490	1372	1673
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.11	5.00	402	490	1372	1673
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.02	2.46	394	481	1345	1642
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.02	2.46	394	481	1345	1642
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
Embedded Drive C	onfig (Empty)											
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	100	2.53	3.42	247	335	843	1144
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	100	2.53	3.42	247	335	843	1144

FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	200	1.24	1.68	243	329	830	1123
FAS2720-100-C	FAS2720 2 PCM no drives	2	41.2 lb (18.7 kg)	6.7 Bels	51 dBA	200	1.24	1.68	243	329	830	1123
Embedded Drive (	•					ı	•			•		
FAS2720-101-C	FAS2720 2 PCM 12x2TB NL-SAS	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	100	3.65	4.55	357	445	1219	1519
FAS2720-101-C	FAS2720 2 PCM	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	100	3.65	4.55	357	445	1219	1519
FAS2720-101-C	12x2TB NL-SAS FAS2720 2 PCM	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	200	1.79	2.23	350	437	1195	1492
FAS2720-101-C	12x2TB NL-SAS FAS2720 2 PCM	2	59.1 lb (26.8 kg)	6.7 Bels	51 dBA	200	1.79	2.23	350	437	1195	1492
FAS2720-102-C	12x2TB NL-SAS FAS2720 2 PCM	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	100	4.14	5.04	405	493	1383	1683
FAS2720-102-C	12x4TB FAS2720 2 PCM	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	100	4.14	5.04	405	493	1383	1683
FAS2720-102-C	12x4TB FAS2720 2 PCM	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	200	2.03	2.47	397	484	1355	1652
FAS2720-102-C	12x4TB FAS2720 2 PCM	2	61.1 lb (27.7 kg)	6.7 Bels	51 dBA	200	2.03	2.47	397	484	1355	1652
	12x4TB		, 0,									
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	100	4.18	5.07	409	496	1396	1693
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	100	4.18	5.07	409	496	1396	1693
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	200	2.05	2.49	401	487	1369	1663
FAS2720-103-C	FAS2720 2 PCM 12x8TB	2	63.5 lb (28.8 kg)	6.7 Bels	51 dBA	200	2.05	2.49	401	487	1369	1663
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-104-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-105-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-105-C	FAS2720 2 PCM 12x10TB	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-105-C	FAS2720 2 PCM 12x10TB NSE	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	100	3.92	4.82	384	472	1311	1611
FAS2720-105-C	FAS2720 2 PCM 12x10TB NSE	2	60.4 lb (27.4 kg)	6.7 Bels	51 dBA	200	1.93	2.37	377	463	1287	1581
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	100	3.89	4.79	381	469	1301	1601
FAS2720-115-C	FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	100	3.89	4.79	381	469	1301	1601
FAS2720-115-C	FAS2720 2 PCM	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	200	1.91	2.35	374	460	1277	1570
FAS2720-115-C	12x16TB NL-SAS FAS2720 2 PCM 12x16TB NL-SAS	2	60.6 lb (27.5 kg)	6.7 Bels	51 dBA	200	1.91	2.35	374	460	1277	1570
Embedded Drive C						<u>l</u>	<u> </u>		<u>l</u>	<u> </u>	<u>l</u>	<u> </u>
FAS2720-106-C	FAS2720 2 PCM	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	100	3.80	4.70	372	460	1270	1570
FAS2720-106-C	4x960GB, 8x2TB FAS2720 2 PCM	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	100	3.80	4.70	372	460	1270	1570
FAS2720-106-C	4x960GB, 8x2TB FAS2720 2 PCM	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	200	1.87	2.31	365	451	1246	1540
FAS2720-106-C	4x960GB, 8x2TB FAS2720 2 PCM	2	55.1 lb (25.0 kg)	6.7 Bels	51 dBA	200	1.87	2.31	365	451	1246	1540
FAS2720-107-C	4x960GB, 8x2TB FAS2720 2 PCM	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.05	4.94	396	484	1352	1652
FAS2720-107-C	4x960GB, 8x4TB FAS2720 2 PCM	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.05	4.94	396	484	1352	1652
FAS2720-107-C	4x960GB, 8x4TB FAS2720 2 PCM	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	1.99	2.43	389	475	1328	1622
	4x960GB, 8x4TB		( ) 3/									

FAS2720-107-C	FAS2720 2 PCM 4x960GB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	1.99	2.43	389	475	1328	1622
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.07	4.96	398	486	1359	1659
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.07	4.96	398	486	1359	1659
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.00	2.44	391	477	1335	1628
FAS2720-108-C	FAS2720 2 PCM 4x960GB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.00	2.44	391	477	1335	1628
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	100	3.90	4.80	382	470	1304	1605
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	100	3.90	4.80	382	470	1304	1605
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	200	1.92	2.36	375	461	1280	1574
FAS2720-109-C	FAS2720 2 PCM 4x960GB, 8x10TB	2	56.0 lb (25.4 kg)	6.7 Bels	51 dBA	200	1.92	2.36	375	461	1280	1574
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.08	4.97	399	487	1362	1663
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	100	4.08	4.97	399	487	1362	1663
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	2.00	2.44	392	478	1338	1632
FAS2720-111-C	FAS2720 2 PCM 4x3.8TB, 8x4TB	2	56.4 lb (25.6 kg)	6.7 Bels	51 dBA	200	2.00	2.44	392	478	1338	1632
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.11	5.00	402	490	1372	1673
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	100	4.11	5.00	402	490	1372	1673
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.02	2.46	394	481	1345	1642
FAS2720-112-C	FAS2720 2 PCM 4x3.8TB, 8x8TB	2	58.0 lb (26.3 kg)	6.7 Bels	51 dBA	200	2.02	2.46	394	481	1345	1642
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-116-C	FAS2720 2 PCM 4x960GB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	100	3.63	4.53	355	443	1212	1512
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485
FAS2720-117-C	FAS2720 2 PCM 4x3.8TB, 8x16TB	2	54.9 lb (24.9 kg)	6.7 Bels	51 dBA	200	1.78	2.22	348	435	1188	1485

## **FAS2750 with ONTAP 9.9.1P4**

Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	_
Embedded Drive 0	Config (Empty)											•
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
Embedded Drive (	Config (Half)											

FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587

		,	•			,						
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
Embedded Drive C	Config (Full)											
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
	147A1.01D11DD	1	ı		l	L	l	L		L		

FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
	FAS2750 2 PCM	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755

FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
Embedded Drive C	onfig (Mixed)											
FAS2750-119-C	FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	20x900GB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	20x900GB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
FAS2750-119-C	20x900GB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
FAS2750-120-C	20x900GB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	20x1.2TB FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130

FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
Embedded Drive C			•	•		•	•	•	•	•	•	•
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
Embedded Drive C	Config (Half)		_									
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751

FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
FAS2750-117-C	FAS2750 2 PCM	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567

FAS2750-127-C	FAS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
EA00750 407.0	12x960GB SSD		54.0    (00.51.)	0001	54 104	400	0.04	4.07	0.47	457	4000	4500
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
Embedded Drive C	•	ļ	l			ļ.	ı		ļ.	<u> </u>	ļ.	ļ.
FAS2750-102-C	FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
	24x900GB HDD											
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	24x900GB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-104-C	24x900GB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
	24x1.2TB HDD		, 0,									
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	24x1.8TB HDD FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	24x1.8TB HDD FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	24x1.8TB HDD FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	24x1.8TB HDD FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	24x1.8TB HDD FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
	24x1.8TB HDD NSE		30.0 ib (21.0 kg)	0.0 2013	J G G G G		1.00	3.20	1,0		.555	
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
	NSE											
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041

FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803

FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
Embedded Drive C							<u> </u>			•		
FAS2750-119-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
1702730-113-0	4x960GB, 20x900GB	_	30.0 lb (20.0 kg)	0.5 Beis	OT GDA	100	4.54	0.50	704	023	1002	2104
FAS2750-119-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
	4x960GB,											
FAS2750-119-C	20x900GB FAS2750 2 PCM	2	59.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
FA52750-119-C	4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Beis	STOBA	200	2.43	3.13	4/5	013	1022	2093
FAS2750-119-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
	4x960GB, 20x900GB	_	(======================================									
FAS2750-120-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
	4x960GB, 20x1.2TB											
FAS2750-120-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
1702730-120-0	4x960GB, 20x1.2TB	_	30.0 lb (20.0 kg)	0.5 Beis	OT GDA	100	4.00	0.10	400		1507	2040
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	20x1.8TB FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
	20x1.8TB											
FAS2750-121-C	FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-122-C	20x1.8TB FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
	4x3.8TB,	_	25.5 % (25.6 kg)	0.5 2015	0,45,			],		52.7	.070	
FAS2750-122-C	20x900GB FAS2750 2 PCM	2	58 6 lb (26 6 kg)	6.9 Bels	51 dBA	100	4 02	6.37	۲۵۵	624	1649	2130
1 MOZ10U-122-U	4x3.8TB, 20x900GB		58.6 lb (26.6 kg)	0.9 Dels	STUBA	100	4.93	0.37	483	024	1049	∠13U
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
	20x900GB											
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-123-C	20x900GB FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	4x3.8TB, 20x1.2TB FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
	4x3.8TB, 20x1.2TB		]									

FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB. 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
Embedded Drive C							l	ļ.	ļ.	Į.	ļ.	ļ
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
Embedded Drive C	Config (Half)											
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
	FAS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	12x1.8TB HDD						1			ı	ı	
FAS2750-105-C FAS2750-105-C		2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704

FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-111-C	FAS2750 2 PCM 12x3.8TB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-113-C	FAS2750 2 PCM 12x3.8TB SSD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-115-C	FAS2750 2 PCM 12x7.6TB	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
FAS2750-117-C	FAS2750 2 PCM 12x15.3TB SSD	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
FAS2750-127-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
Embedded Drive C	onfig (Full)											
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212

FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-102-C	FAS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	24x1.2TB HDD FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	NSE FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697

	_		,			Y		,				
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731

FAS2750-128-C	FAS2750 2 PCM	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-128-C	24x960GB SSD FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
Embedded Drive C	-									<u>I</u>	<u> </u>	
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-120-C	FAS2750 2 PCM 4x960GB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-121-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983

	<del>,</del>		•			,			,			
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
Embedded Drive C			l .		<u> </u>	Į.		!	ļ.		!	ļ.
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	100	2.72	4.16	266	407	908	1390
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
FAS2750-100-C	FAS2750 2 PCM no drives	2	42.8 lb (19.4 kg)	6.9 Bels	51 dBA	200	1.34	2.04	261	399	891	1362
Embedded Drive C	Config (Half)		•									
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-101-C	FAS2750 2 PCM 12x900GB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	100	3.80	5.24	372	513	1270	1751
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-103-C	FAS2750 2 PCM 12x1.2TB HDD	2	50.5 lb (22.9 kg)	6.9 Bels	51 dBA	200	1.87	2.57	365	503	1246	1717
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-105-C	FAS2750 2 PCM 12x1.8TB HDD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.76	5.20	368	509	1256	1738
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-107-C	FAS2750 2 PCM 12x1.8TB HDD NSE	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.85	2.55	361	499	1233	1704
FAS2750-109-C	FAS2750 2 PCM 12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560

FAS2750 2 PCM 12x960GB SSD FAS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
AS2750 2 PCM	2								1		
12x960GB SSD	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.21	4.64	314	454	1072	1550
	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.58	2.28	308	445	1052	1519
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.32	4.75	325	465	1110	1587
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.63	2.33	319	456	1089	1557
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	100	3.34	4.78	327	468	1117	1598
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
	2	48.7 lb (22.1 kg)	6.9 Bels	51 dBA	200	1.64	2.35	321	459	1096	1567
	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	100	3.24	4.67	317	457	1082	1560
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
AS2750 2 PCM	2	51.8 lb (23.5 kg)	6.9 Bels	51 dBA	200	1.59	2.29	311	448	1062	1529
fig (Full)											
	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	5.19	6.62	508	648	1734	2212
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
AS2750 2 PCM	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
24x900GB HDD			6.9 Bels	51 dBA	200	2.55	3.25	498	636	1700	2171
AS2750 2 PCM 24x900GB HDD	2	58.2 lb (26.4 kg)	0.3 Dels	31 dbA							
	FAS2750 2 PCM 12x3.8TB SSD NSE FAS2750 2 PCM 12x7.6TB FAS2750 2 PCM 12x15.3TB SSD FAS2750 2 PCM 12x960GB HDD FAS2750 2 PCM 12x900GB HDD FAS2750 2 PCM	12x960GB SSD FAS2750 2 PCM 12x3.8TB SSD NSE FAS2750 2 PCM 12x7.6TB FAS2750 2 PCM 12x15.3TB SSD FAS2750 2 PCM 12x960GB HDD FAS2750 2 PCM 12x900GB HDD FAS2750 2 PCM	12x960GB SSD	12x960GB SSD	12x960GB SSD	12x960GB SSD	124960GB SSD	12x960CB SSD	122990GB SSD	12:9960GB SSD	12,9960GB SSD

FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	100	4.87	6.31	477	618	1628	2110
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-104-C	FAS2750 2 PCM 24x1.2TB HDD	2	58.2 lb (26.4 kg)	6.9 Bels	51 dBA	200	2.39	3.10	468	606	1598	2069
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-106-C	FAS2750 2 PCM 24x1.8TB HDD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.80	6.23	470	610	1605	2082
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-108-C	FAS2750 2 PCM 24x1.8TB HDD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.36	3.06	461	598	1574	2041
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-110-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676

FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-112-C	FAS2750 2 PCM 24x3.8TB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.69	5.12	361	501	1233	1710
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-114-C	FAS2750 2 PCM 24x3.8TB SSD NSE	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.81	2.51	354	491	1209	1676
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.91	5.35	383	524	1308	1789
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-116-C	FAS2750 2 PCM 24x7.6TB	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.92	2.63	376	514	1284	1755
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	100	3.95	5.39	387	528	1321	1803
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-118-C	FAS2750 2 PCM 24x15.3TB SSD	2	54.5 lb (24.7 kg)	6.9 Bels	51 dBA	200	1.94	2.65	380	518	1297	1768
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	3.75	5.18	367	507	1253	1731
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
FAS2750-128-C	FAS2750 2 PCM 24x960GB SSD	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	1.84	2.54	360	497	1229	1697
Embedded Drive C	onfig (Mixed)											
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.94	6.38	484	625	1652	2134
FAS2750-119-C	FAS2750 2 PCM 4x960GB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093

FAS2750-119-C	FAS2750 2 PCM	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.43	3.13	475	613	1622	2093
	4x960GB, 20x900GB		, , ,									
FAS2750-120-C	FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	20x1.2TB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.69	6.13	459	600	1567	2048
FAS2750-120-C	20x1.2TB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-120-C	20x1.2TB FAS2750 2 PCM 4x960GB,	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	450	588	1536	2007
FAS2750-121-C	20x1.2TB FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	20x1.8TB FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-121-C	20x1.8TB FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-121-C	20x1.8TB FAS2750 2 PCM 4x960GB,	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-122-C	20x1.8TB FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.93	6.37	483	624	1649	2130
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-122-C	FAS2750 2 PCM 4x3.8TB, 20x900GB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.42	3.13	474	612	1618	2089
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	100	4.68	6.12	458	599	1564	2045
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-123-C	FAS2750 2 PCM 4x3.8TB, 20x1.2TB	2	58.6 lb (26.6 kg)	6.9 Bels	51 dBA	200	2.30	3.00	449	588	1533	2007
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-124-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.61	6.05	451	592	1540	2021
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-125-C	FAS2750 2 PCM 4x3.8TB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.26	2.97	442	581	1509	1983
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	100	4.62	6.06	452	593	1543	2024

FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1.8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987
FAS2750-126-C	FAS2750 2 PCM 4x960GB, 20x1 8TB	2	60.8 lb (27.6 kg)	6.9 Bels	51 dBA	200	2.27	2.97	443	582	1512	1987

## FAS500f with ONTAP 9.9.1P4

Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	_
Embedded Drive C	onfig (Full)				-	,						
FAS500F-101-C	FAS500f 2 PCM 24x15.3TB SED	2	54.3 lb (24.6 kg)	7.2 Bels	69 dBA	200	4.27	5.50	852	1099	2906	3751
FAS500F-101-C	FAS500f 2 PCM 24x15.3TB SED	2	54.3 lb (24.6 kg)	7.2 Bels	69 dBA	200	4.27	5.50	852	1099	2906	3751
FAS500F-101-C	FAS500f 2 PCM 24x15.3TB SED	2	54.3 lb (24.6 kg)	7.2 Bels	69 dBA	200	4.27	5.50	852	1099	2906	3751
FAS500F-101-C	FAS500f 2 PCM 24x15.3TB SED	2	54.3 lb (24.6 kg)	7.2 Bels	69 dBA	200	4.27	5.50	852	1099	2906	3751

## **FAS8300** with **ONTAP 9.9.1P4**

Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	BTU/Hr Worst
FAS8300	•				•							
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161

FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
FAS8300A Ethernet Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
FAS8300A FC Bundle	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Danaic	<u> </u>		<u>l</u>		<u> </u>		I			l	L	

FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle												
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle			\									
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle			` "									
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle			` "									
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle												
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle												
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle												
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle												
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle			, ,,									
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle			, ,,									
FAS8300A Ethernet	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle			, ,									
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	100	12.09	15.43	1184	1512	4041	5161
Bundle			, ,									
FAS8300A FC	FAS8300 2 PCM	4	108.5 lb (49.2 kg)	8.5 Bels	67 dBA	200	6.02	7.50	1179	1470	4024	5017
Bundle			, 9,									

### **FAS8700 with ONTAP 9.9.1P4**

Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	BTU/Hr Worst
FAS8700												
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A Ethernet Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
FAS8700A FC Bundle	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796

	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
Bundle												
FAS8700A Ethernet	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
Bundle												
FAS8700A FC	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
Bundle												
FAS8700A FC	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
Bundle												
FAS8700A Ethernet	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
Bundle												
FAS8700A Ethernet	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
Bundle												
FAS8700A FC	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	100	14.95	18.11	1465	1774	5000	6055
Bundle			, ,,									
FAS8700A FC	FAS8700 2 PCM	4	108.9 lb (49.4 kg)	8.5 Bels	67 dBA	200	8.12	8.67	1591	1698	5430	5796
Bundle			, ,									

## **FAS9000** with **ONTAP 9.9.1P4**

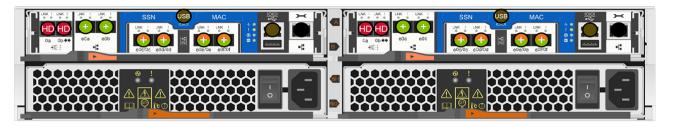
Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	BTU/Hr Worst
FAS9000	-									ı		
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021

FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA,	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
	6x40G, 4x10Gb-T, 2x8TB											
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505

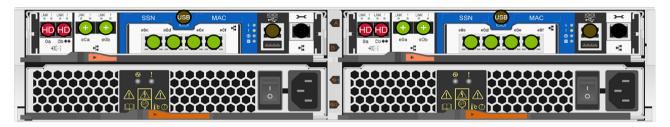
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
	4xSAS, 2xUTA,		, ,									
	6x40G, 2x2TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	4xSAS, 2xUTA,											
	6x40G, 2x2TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
	4xSAS, 2xUTA,											
	6x40G, 2x8TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	4xSAS, 2xUTA,											
	6x40G, 2x8TB											
FAS9000A	FAS9000 2 PCM	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
	2xSAS, 6xUTA,											
	6x40G, 4x10Gb-T,											
	2x8TB											
FAS9000A	FAS9000 2 PCM	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
	2xSAS, 6xUTA,											
	6x40G, 4x10Gb-T,											
	2x8TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
	4xSAS, 2xUTA,											
EA COOOOA	6x40G, 2x2TB		400 0 lb (00 0 lcm)	7.4 Dala	05 4DV	200	0.50	0.00	4004	4704	F700	0004
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA,	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	6x40G, 2x2TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
1 A39000A	4xSAS, 2xUTA,	ľ	190.0 lb (69.6 kg)	7.4 003	03 UDA	100	17.50	10.30	1713	1799	3034	0140
	6x40G, 2x8TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	4xSAS, 2xUTA,		100.0 15 (00.0 10)	7.1 50.0	OO UD/		0.00	0.00	1001	''''	0.00	002.
	6x40G, 2x8TB											
FAS9000A	FAS9000 2 PCM	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	100	18.97	19.84	1859	1944	6345	6635
	2xSAS, 6xUTA,		3,									
	6x40G, 4x10Gb-T,											
	2x8TB											
FAS9000A	FAS9000 2 PCM	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	200	9.30	9.73	1822	1906	6219	6505
	2xSAS, 6xUTA,											
	6x40G, 4x10Gb-T,											
	2x8TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
	4xSAS, 2xUTA,											
	6x40G, 2x2TB											
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	4xSAS, 2xUTA,											
	6x40G, 2x2TB									l		
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
	4xSAS, 2xUTA,											
	6x40G, 2x8TB	_								.=		
FAS9000A	FAS9000 2 PCM	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
	4xSAS, 2xUTA,											
	6x40G, 2x8TB		1		1	l			<u> </u>	I		

## **Alternate View Images**

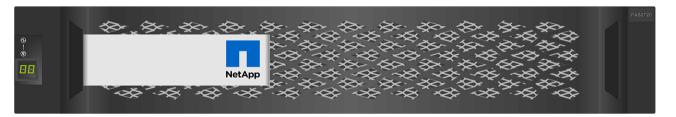
Rear View - FAS2720 ( Controller + Controller )



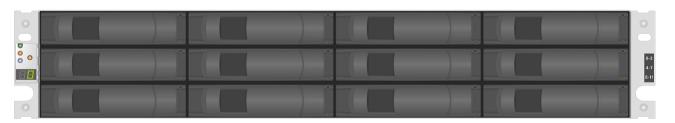
FAS2720 - Rear (10GBASE-T Config)



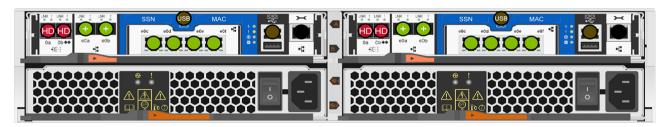
FAS2720 - Front Bezel



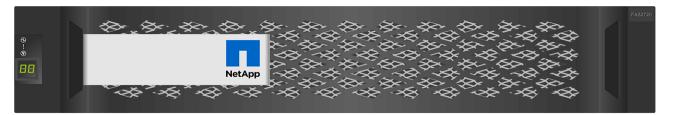
FAS2720 - Front Open



FAS2720 - Rear (10GBASE-T Config)



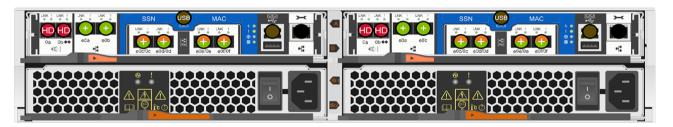
FAS2720 - Front Bezel



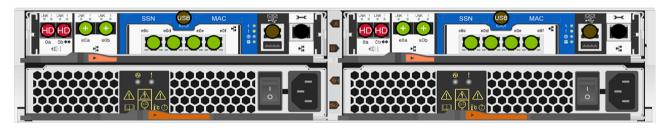
FAS2720 - Front Open



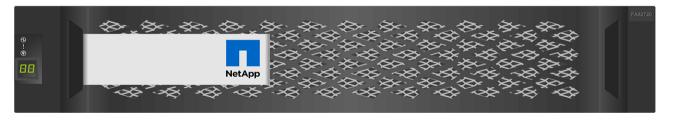
Rear View - FAS2720 (Controller + Controller)



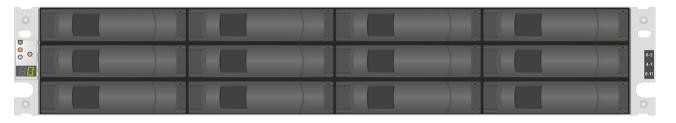
FAS2720 - Rear (10GBASE-T Config)



FAS2720 - Front Bezel



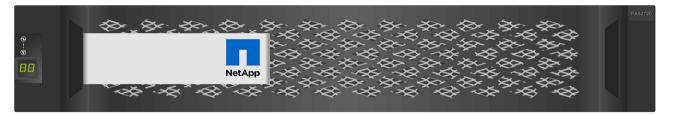
FAS2720 - Front Open



FAS2720 - Rear (10GBASE-T Config)



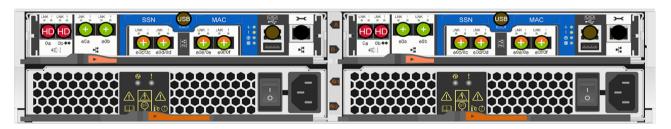
FAS2720 - Front Bezel



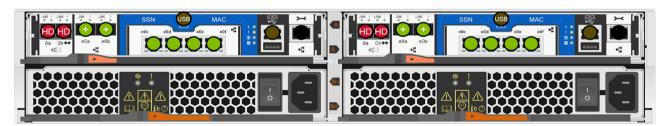
FAS2720 - Front Open



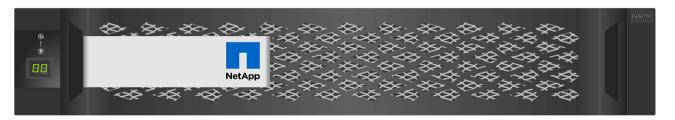
Rear View - FAS2750 ( Controller + Controller )



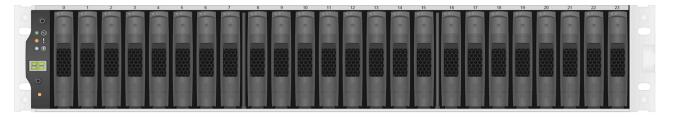
FAS2750 - Rear (10GBASE-T Config)



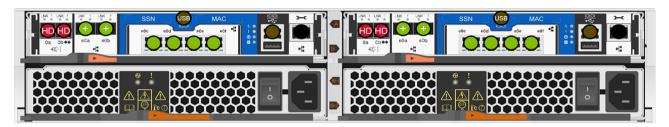
FAS2750 - Front Bezel



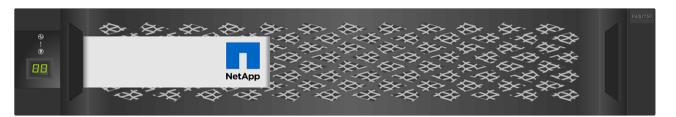
FAS2750 - Front Open



FAS2750 - Rear (10GBASE-T Config)



FAS2750 - Front Bezel



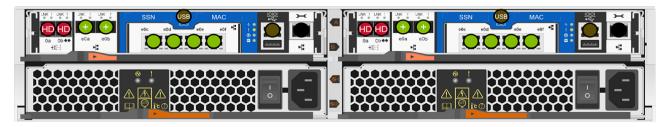
FAS2750 - Front Open



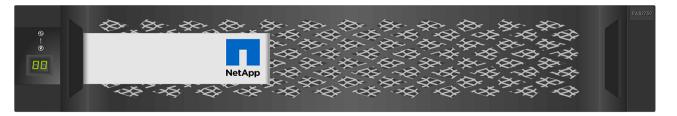
Rear View - FAS2750 (Controller + Controller)



FAS2750 - Rear (10GBASE-T Config)



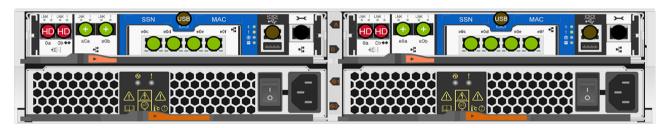
FAS2750 - Front Bezel



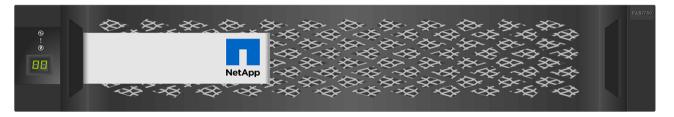
FAS2750 - Front Open



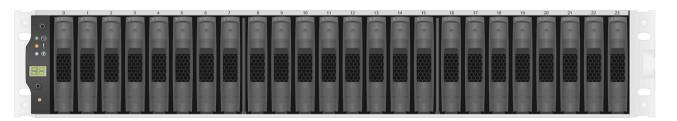
FAS2750 - Rear (10GBASE-T Config)



FAS2750 - Front Bezel



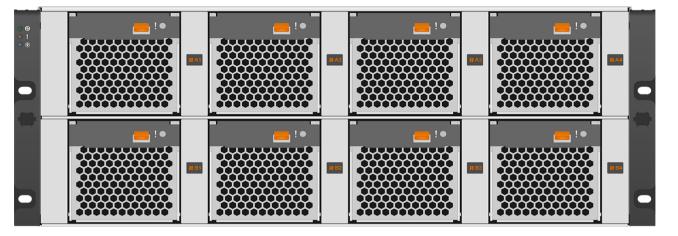
FAS2750 - Front Open



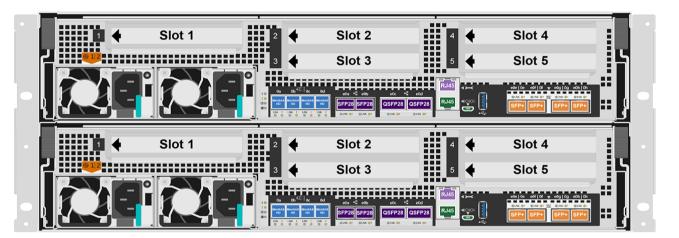
Rear View - FAS500f ( Controller + Controller )

Rear View - FAS8300 ( Controller + Controller )

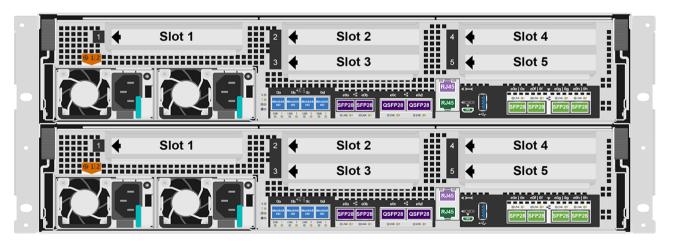
FAS8300 - Front [Open]



FAS8300 - Rear [FC Config]



FAS8300 - Rear [Ethernet Config]



FAS8300 - Rear [PCM]

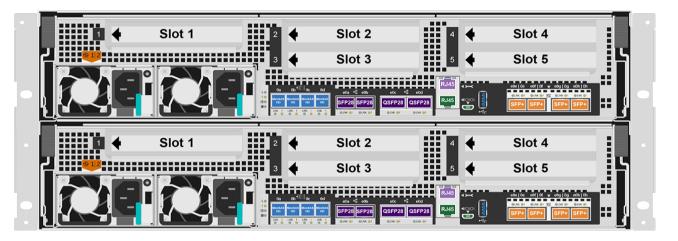


Rear View - FAS8300 (Controller + Controller)

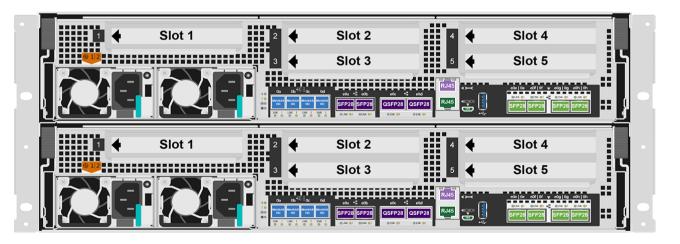
## FAS8300 - Front [Open]



FAS8300 - Rear [FC Config]



FAS8300 - Rear [Ethernet Config]

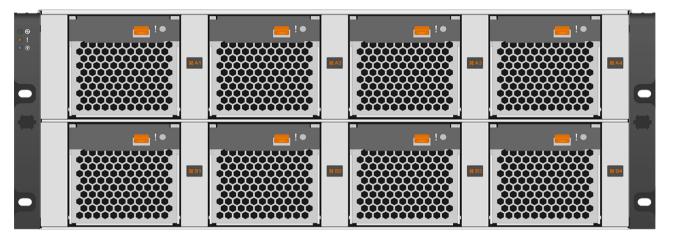


FAS8300 - Rear [PCM]

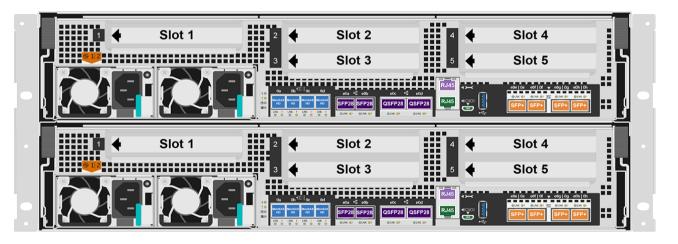


Rear View - FAS8700 ( Controller + Controller )

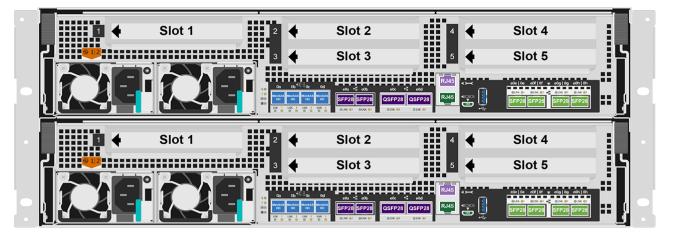
## FAS8700 - Front [Open]



FAS8700 - Rear [FC Config]



FAS8700 - Rear [Ethernet Config]

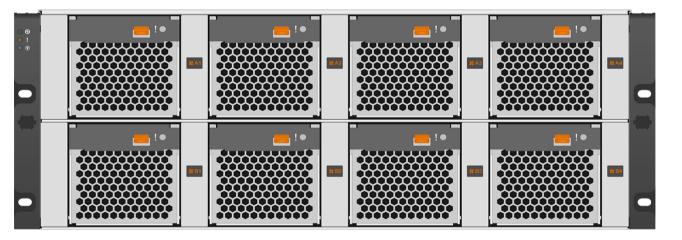


FAS8700 - Rear [PCM]

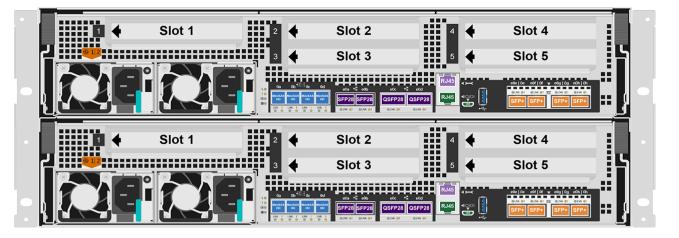


Rear View - FAS8700 ( Controller + Controller )

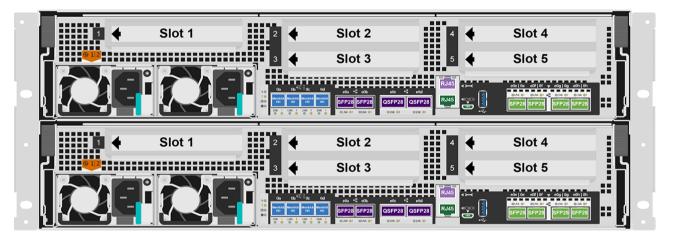
## FAS8700 - Front [Open]



FAS8700 - Rear [FC Config]



FAS8700 - Rear [Ethernet Config]



FAS8700 - Rear [PCM]



Rear View - FAS9000 (Controller + Controller)

