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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
Storage Limits			
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	138	138	144
Max Number of DS212C 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	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	2,304,000	2,304,000	1,963,200
Effective Capacity	10,226,304	10,226,304	8,713,663.20
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	512	512	512
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




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
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 <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications			
Spray Core Array LUNs Recommended Min Raw Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz
Processor Architecture	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			
NVME (Per Node)	1024 GB	1024 GB	1024 GB
NVME (Per Config)	2048 GB	2048 GB	2048 GB
NVMEM (Per Node)	4 GB	4 GB	4 GB
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 Flanges	18.9" (48 cm)	18.9" (48 cm)	18.9" (48 cm)

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
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	25.12" (63.8 cm)	25.12" (63.8 cm)	24.13" (61.3 cm)
Chassis Depth without Cable Mgmt	20" (50.8 cm)	20" (50.8 cm)	19.02" (48.3 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)	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			
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 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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	6.7 bels	6.7 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, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS




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
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)	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, IEC 62368-1, IEC60950-1 (all national deviations), 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 Policies	24,000	24,000	24,000
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 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	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) operations	16	16	16
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	12,000	12,000	12,000
Maximum number of QoS user workloads	40,000	40,000	40,000




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 nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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 available	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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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




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
Storage Limits			
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	144	144	144
Max Number of DS212C 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	7,201,022.40	7,201,022.40	8,713,663.20
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	64	64	512
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 <sup>[1]</sup>	150 GiB <sup>[1]</sup>
NetApp Volume Encryption	Supported	Supported	Supported
FlexArray Specifications			
Spray Core Array LUNs Recommended Min Raw Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz	64-bit 12-core 1.50 Ghz
Processor Architecture	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)	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			
NVME (Per Node)	1024 GB	1024 GB	1024 GB
NVME (Per Config)	4096 GB	4096 GB	2048 GB
NVMEM (Per Node)	4 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			
Ethernet Ports	4 x SFP+ (10Gb)	8 x RJ45 (10Gb) 4 x SFP+ (10Gb)	4 x SFP+ (10Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	4 x SFP+ (10Gb/16Gb)	Not Supported	8 x SFP+ (10Gb/16Gb)
Expansion Slots	-	-	-
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)




	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
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	24.13" (61.3 cm)	24.13" (61.3 cm)	24.13" (61.3 cm)
Chassis Depth without Cable Mgmt	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 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)	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			
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 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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound 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, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS




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
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)	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, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
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 Policies	6,000	6,000	24,000
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 Volume (TiB)	N/A	N/A	N/A
Maximum number of Volume Snapshot Copies	127,500	127,500	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	30,000	30,000	200,000
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	12,000
Maximum number of QoS user workloads	20,000	20,000	40,000

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 nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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 mappings	8,192	8,192	16,384
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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




Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
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	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	64	512	N/A
Maximum number of LIFs - NAS	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 and NFS combined)	1,024,000	1,200,000	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)	2 / 2	24 / 12	1 / 1
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB



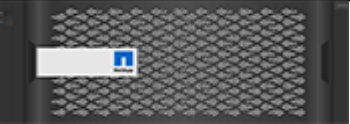
Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	100 TiB	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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 12-core 2.10 Ghz	64-bit 12-core 2.10 Ghz	64-bit 10-core 2.20 Ghz
Processor Architecture	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			
NVME (Per Node)	N/A	N/A	N/A
NVME (Per Config)	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			
Ethernet Ports	4 x RJ45 (10Gb)	4 x RJ45 (10Gb)	2 x QSFP28 (40Gb) 6 x SFP28 (25Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x PCIe3	4 x PCIe3	2 x M.2 PCIe, 5 x PCIe3
SAS Ports	-	-	4 x MiniSAS HD (12Gb)
Physical Characteristics			
Rack Units	4	2	8
Chassis Height	3.43" (8.7 cm)	3.43" (8.7 cm)	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)

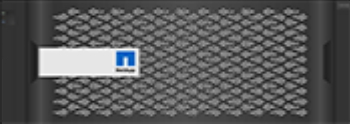
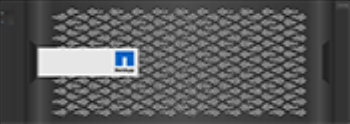

Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable Mgmt	-	-	34.72" (88.2 cm)
Chassis Depth without Cable Mgmt	21.38" (54.3 cm)	21.38" (54.3 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)	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			
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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound 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	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	17.4*	17.4*	16.6*
BMC	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
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

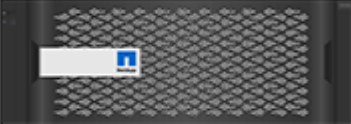
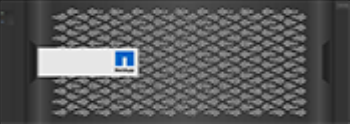



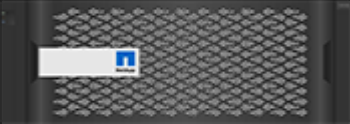
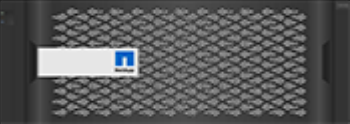

Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	BSMI, CE, UKCA	BSMI, 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. 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, 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, IEC 62368-1, IEC60950-1 (all national deviations), 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 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	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) operations	16	16	N/A
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

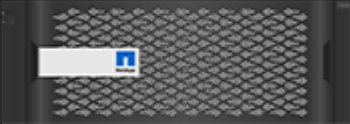
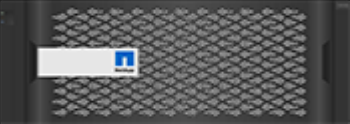

Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
Maximum number of storage virtual machines (SVMs) - SAN	64	250	N/A
Maximum number of flexible volumes - SAN	500	2,000	N/A
Maximum number of flexible volumes with DPO - SAN	N/A	N/A	N/A
Maximum number of LUNs	8,192	16,384	N/A
Maximum number of LUN mappings	8,192	16,384	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)	4,096	8,192	N/A
Maximum number of LIFS - iSCSI	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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

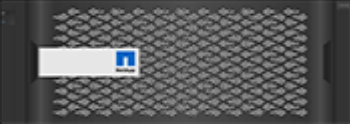
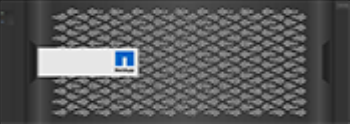

Specifications	FAS500f 4-Node MetroCluster IP	FAS500f Single Chassis HA Pair	FAS8300 2-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	N/A	N/A	N/A
Maximum fan-out from source for DP mirror	N/A	N/A	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

Specifications	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
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	N/A	N/A	N/A
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	N/A	N/A	N/A
Maximum number of LIFs - NAS	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	16800 TiB	16800 TiB	16800 TiB

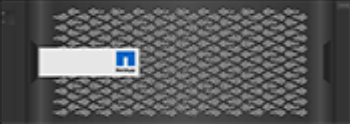
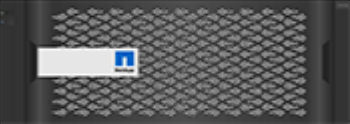
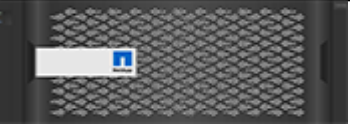
Specifications	<b>FAS8300 2-Node Fabric MetroCluster, FC Bundle</b>	<b>FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle</b>	<b>FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle</b>
			
	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>
<b>Max Infinite Volume Data Constituent Size</b>	Not Supported	Not Supported	Not Supported
<b>Max FlexGroup Data Constituent Size</b>	Not Supported	Not Supported	Not Supported
<b>Min Root Volume Size</b>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>	150 GiB <sup>[1]</sup>
<b>NetApp Volume Encryption</b>	Supported	Supported	Supported
<b>FlexArray Specifications</b>			
<b>Spray Core Array LUNs Recommended Min Raw Capacity</b>	Not Supported	Not Supported	Not Supported
<b>Spray Core Array LUNs Absolute Min Raw Capacity</b>	Not Supported	Not Supported	Not Supported
<b>Max Array LUN Size</b>	Not Supported	Not Supported	Not Supported
<b>Min Array LUN Size</b>	Not Supported	Not Supported	Not Supported
<b>Min Size for an Array LUN Aggregate</b>	Not Supported	Not Supported	Not Supported
<b>Min Array LUN Size – Root Volume</b>	-	-	-
<b>Spare Core Array LUN Min Size</b>	Not Supported	Not Supported	Not Supported
<b>Max RAID Groups in an Aggregate</b>	Not Supported	Not Supported	Not Supported
<b>Block Size</b>	Not Supported	Not Supported	Not Supported
<b>Neighborhood Visible and Assigned Devices</b>	Not Supported	Not Supported	Not Supported
<b>Processor</b>			
<b>Processor Model</b>	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
<b>Processor Architecture</b>	64 bit	64 bit	64 bit
<b>Processor Speed</b>	2.20 Ghz	2.20 Ghz	2.20 Ghz
<b>Processor Count (Per Node)</b>	2	2	2
<b>Processor Count (Per Config)</b>	4	4	4
<b>Processor Cores (Per CPU)</b>	10	10	10
<b>Processor Cores (Per Node)</b>	20	20	20
<b>Processor Cores (Per Config)</b>	40	40	40
<b>Memory</b>			
<b>NVME (Per Node)</b>	N/A	N/A	N/A
<b>NVME (Per Config)</b>	N/A	N/A	N/A
<b>NVMEM (Per Node)</b>	N/A	N/A	N/A
<b>NVMEM (Per Config)</b>	N/A	N/A	N/A
<b>NVRAM (Per Node)</b>	16 GB	16 GB	16 GB
<b>RAM (Per Node)</b>	128 GB	128 GB	128 GB
<b>Onboard Ports</b>			
<b>Ethernet Ports</b>	2 x QSFP28 (40Gb) 2 x SFP28 (25Gb)	2 x QSFP28 (40Gb) 6 x SFP28 (25Gb)	2 x QSFP28 (40Gb) 2 x SFP28 (25Gb)
<b>Fibre Channel Ports</b>	-	-	-
<b>UTA2 Ports</b>	Not Supported	Not Supported	Not Supported
<b>Expansion Slots</b>	2 x M.2 PCIe, 5 x PCIe3	2 x M.2 PCIe, 5 x PCIe3	2 x M.2 PCIe, 5 x PCIe3
<b>SAS Ports</b>	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)
<b>Physical Characteristics</b>			
<b>Rack Units</b>	8	8	8
<b>Chassis Height</b>	6.89" (17.5 cm)	6.89" (17.5 cm)	6.89" (17.5 cm)
<b>Chassis Width with Mounting Flanges</b>	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

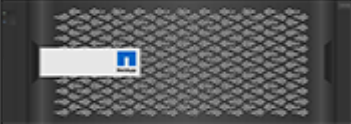
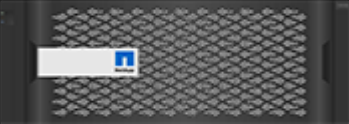
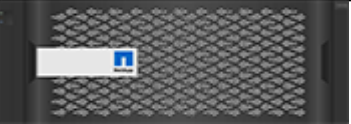
Specifications	<b>FAS8300 2-Node Fabric MetroCluster, FC Bundle</b>	<b>FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle</b>	<b>FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle</b>
			
	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>
<b>Chassis Width without Mounting Flanges</b>	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
<b>Chassis Depth with Cable Mgmt</b>	34.72" (88.2 cm)	34.72" (88.2 cm)	34.72" (88.2 cm)
<b>Chassis Depth without Cable Mgmt</b>	32.6" (82.8 cm)	32.6" (82.8 cm)	32.6" (82.8 cm)
<b>Chassis Weight</b>			
<b>System Clearance Dimensions</b>			
<b>Front Clearance (Cooling)</b>	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
<b>Front Clearance (Maintenance)</b>	34.51" (87.6 cm)	34.51" (87.6 cm)	34.51" (87.6 cm)
<b>Rear Clearance (Cooling)</b>	6.03" (15.3 cm)	6.03" (15.3 cm)	6.03" (15.3 cm)
<b>Rear Clearance (Maintenance)</b>	36.01" (91.4 cm)	36.01" (91.4 cm)	36.01" (91.4 cm)
<b>Environmental Requirements</b>			
<b>Operating Temperature Range</b>	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
<b>Storage Temperature Range</b>	-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
<b>Transit Temperature Range</b>	-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
<b>Operating Relative Humidity</b>	8 to 80 %	8 to 80 %	8 to 80 %
<b>Storage Relative Humidity</b>	10 to 95 %	10 to 95 %	10 to 95 %
<b>Transit Relative Humidity</b>	10 to 95 %	10 to 95 %	10 to 95 %
<b>Operating Altitude Range</b>	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
<b>Storage Altitude Range</b>	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
<b>Transit Altitude Range</b>	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
<b>Acoustic Noise - Sound Power</b>	8.2 bels	8.2 bels	8.2 bels
<b>Acoustic Noise - Sound Pressure</b>	64.1 dBA	64.1 dBA	64.1 dBA
<b>Input Power Voltage</b>	100 to 120	100 to 120	100 to 120
<b>Storage OS Requirements (for selected major version)</b>			
<b>Recommended Version</b>	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4	9.9.1P3, 9.9.1P4
<b>Minimum OS</b>	9.9.1RC1	9.9.1RC1	9.9.1RC1
<b>Maximum OS</b>	9.9.1P4	9.9.1P4	9.9.1P4
<b>Software and Firmware</b> * indicates that firmware is bundled with Storage OS Version			
<b>BIOS</b>	16.6*	16.6*	16.6*
<b>BMC</b>	13.5*	13.5*	13.5*
<b>Service Processor Firmware</b>	N/A	N/A	N/A
<b>Product Standards Compliance</b>			
<b>Certifications EMC/EMI</b>	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI	AS/NZS, FCC, ICES, KCC, VCCI
<b>Certifications safety</b>	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS	BIS, CB, CSA, IRAM, NOM, NRCS, SONCAP, TBS

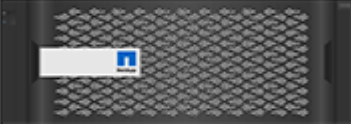
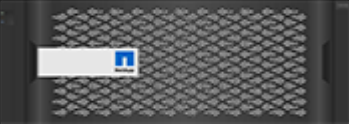
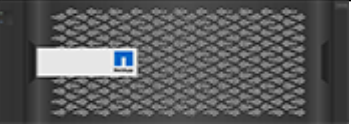
Specifications	FAS8300 2-Node Fabric MetroCluster, FC Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
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)	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, IEC 62368-1, IEC60950-1 (all national deviations), 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	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
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	N/A	N/A	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	N/A	N/A	N/A
Maximum number of concurrent DataMotion for Volumes (vol move) operations	N/A	N/A	N/A
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	N/A	N/A	N/A
Maximum number of QoS user workloads	N/A	N/A	N/A

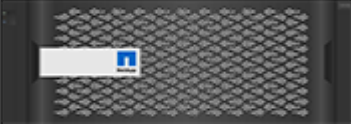
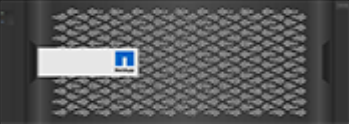
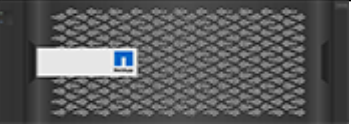
Specifications	FAS8300 2-Node Fabric MetroCluster, FC Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

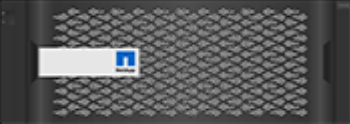
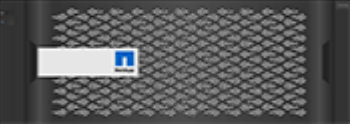



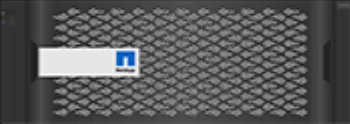
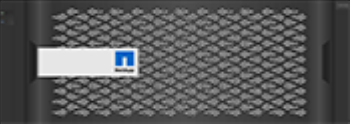

Specifications	FAS8300 2-Node Fabric MetroCluster, FC Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Fiber Bridge, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of 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	N/A	N/A	N/A
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

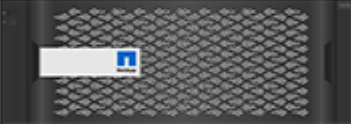
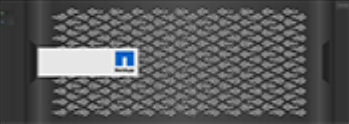
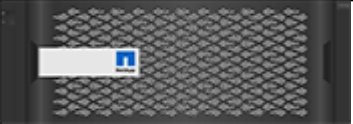
Specifications	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	720	720	720
Max 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	11,520,000
Effective Capacity	N/A	N/A	51,131,520
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	N/A	N/A	64
Maximum number of LIFs - NAS	N/A	N/A	256
Maximum number of 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

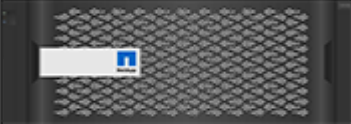
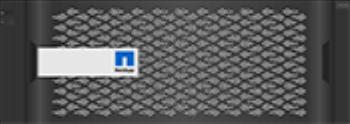

	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architecture	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 (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	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports			
Ethernet Ports	2 x QSFP28 (40Gb) 6 x SFP28 (25Gb)	2 x QSFP28 (40Gb) 2 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	2 x M.2 PCIe, 5 x PCIe3	2 x M.2 PCIe, 5 x PCIe3	4 x M.2 PCIe, 10 x PCIe3
SAS Ports	4 x MiniSAS HD (12Gb)	4 x MiniSAS HD (12Gb)	8 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 Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)

	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.2 bels	8.2 bels	8.5 bels
Acoustic Noise - Sound Pressure	64.1 dBA	64.1 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*
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

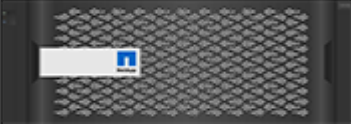
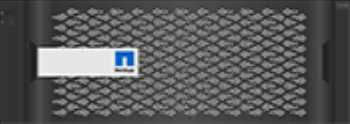

Specifications	<b>FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle</b>	<b>FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle</b>	<b>FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle</b>
			
	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>
<b>Certifications Safety/EMC/EMI</b>	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
<b>Certifications Safety/EMC/EMI/RoHS</b>	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
<b>Standards EMC/EMI</b>	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
<b>Standards Safety</b>	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, 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, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
<b>System Availability &amp; Support</b>			
<b>Release Date</b>	Dec 2019	Dec 2019	Dec 2019
<b>End of Availability (EOA)</b>	-	-	-
<b>End of Support (EOS)</b>	-	-	-
<b>NFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Export Policies</b>	N/A	N/A	6,000
<b>Maximum number of Export Rules</b>	N/A	N/A	70,000
<b>Maximum NFSv4 Access Control Entries</b>	N/A	N/A	N/A
<b>Maximum number of client objects</b>	N/A	N/A	102,400
<b>Maximum number of pNFS objects</b>	N/A	N/A	1,024,000
<b>WAFL Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum Size of a 64-bit Aggregate (TiB)</b>	N/A	N/A	N/A
<b>Maximum Size of a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum file size in a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum number of Volume Snapshot Copies</b>	N/A	N/A	127,500
<b>Maximum character length for Snapshot copy names</b>	N/A	N/A	N/A
<b>Maximum number of hard links</b>	N/A	N/A	N/A
<b>Maximum number of inodes/files</b>	N/A	N/A	N/A
<b>Maximum number of qtrees</b>	N/A	N/A	30,000
<b>Maximum number of concurrent DataMotion for Volumes (vol move) operations</b>	N/A	N/A	16
<b>Quality of Service Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Policy Groups</b>	N/A	N/A	6,000
<b>Maximum number of QoS user workloads</b>	N/A	N/A	20,000

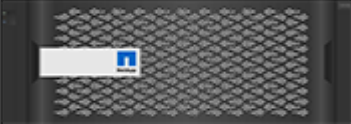
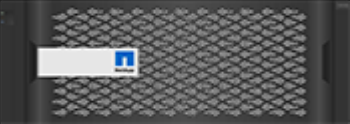

Specifications	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
Maximum number of storage virtual machines (SVMs) - SAN	N/A	N/A	64
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 mappings	N/A	N/A	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)	N/A	N/A	8,192
Maximum number of LIFS - iSCSI	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 sessions	N/A	N/A	8,192
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
Maximum number of connected shares	N/A	N/A	500,000
Maximum number of regular shares	N/A	N/A	150,000
Maximum number of open files	N/A	N/A	350,000
Maximum number of local users	N/A	N/A	17,500
Maximum number of local groups	N/A	N/A	160,000
Maximum number of local group members	N/A	N/A	320,000
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
Maximum number of data protection (DP) mirrors and/or SnapVault relationships for FabricPool	N/A	N/A	N/A

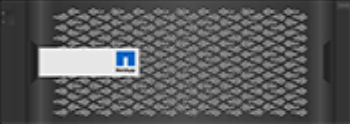
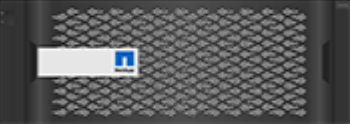

Specifications	FAS8300 2-Node Stretch MetroCluster, Optical SAS, Ethernet Bundle	FAS8300 2-Node Stretch MetroCluster, Optical SAS, FC Bundle	FAS8300 4-Node Fabric MetroCluster, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum 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	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

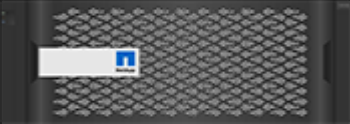
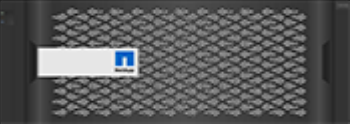

Specifications	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	720	720	720
Max Number of Internal Drives	N/A	N/A	N/A
Max 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	11,520,000	11,520,000	11,520,000
Effective Capacity	51,131,520	51,131,520	51,131,520
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	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	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 / SAN)	2 / 2	2 / 2	2 / 2
Max FabricPool Size	16800 TiB	16800 TiB	16800 TiB

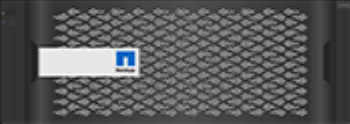
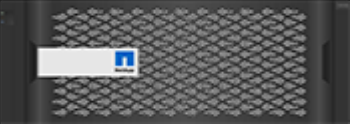
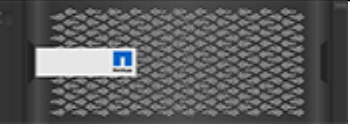


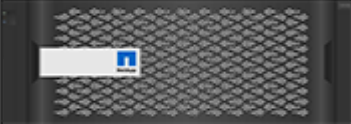
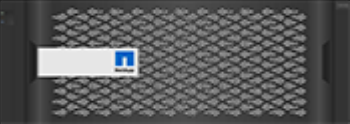

	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent 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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architecture	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)	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	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports			
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	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCIe, 10 x PCIe3	4 x M.2 PCIe, 10 x PCIe3	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	8
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	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)

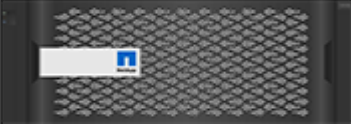
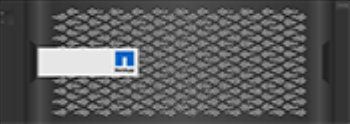

	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with 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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
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*
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

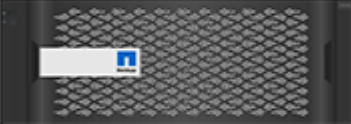
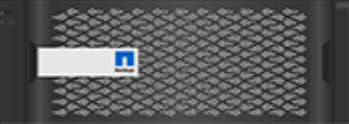
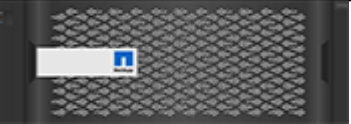
Specifications	<b>FAS8300 4-Node Fabric MetroCluster, FC Bundle</b>	<b>FAS8300 4-Node MetroCluster IP, Ethernet Bundle</b>	<b>FAS8300 4-Node MetroCluster IP, FC Bundle</b>
			
	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>
<b>Certifications Safety/EMC/EMI</b>	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
<b>Certifications Safety/EMC/EMI/RoHS</b>	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
<b>Standards EMC/EMI</b>	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
<b>Standards Safety</b>	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, 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, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
<b>System Availability &amp; Support</b>			
<b>Release Date</b>	Dec 2019	Nov 2020	Nov 2020
<b>End of Availability (EOA)</b>	-	-	-
<b>End of Support (EOS)</b>	-	-	-
<b>NFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Export Policies</b>	6,000	6,000	6,000
<b>Maximum number of Export Rules</b>	70,000	70,000	70,000
<b>Maximum NFSv4 Access Control Entries</b>	N/A	N/A	N/A
<b>Maximum number of client objects</b>	102,400	102,400	102,400
<b>Maximum number of pNFS objects</b>	1,024,000	1,024,000	1,024,000
<b>WAFL Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum Size of a 64-bit Aggregate (TiB)</b>	N/A	N/A	N/A
<b>Maximum Size of a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum file size in a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum number of Volume Snapshot Copies</b>	127,500	127,500	127,500
<b>Maximum character length for Snapshot copy names</b>	N/A	N/A	N/A
<b>Maximum number of hard links</b>	N/A	N/A	N/A
<b>Maximum number of inodes/files</b>	N/A	N/A	N/A
<b>Maximum number of qtrees</b>	30,000	30,000	30,000
<b>Maximum number of concurrent DataMotion for Volumes (vol move) operations</b>	16	8	8
<b>Quality of Service Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Policy Groups</b>	6,000	6,000	6,000
<b>Maximum number of QoS user workloads</b>	20,000	20,000	20,000

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 nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

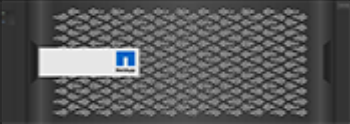
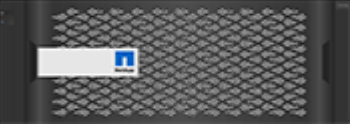

Specifications	FAS8300 4-Node Fabric MetroCluster, FC Bundle	FAS8300 4-Node MetroCluster IP, Ethernet Bundle	FAS8300 4-Node MetroCluster IP, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault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

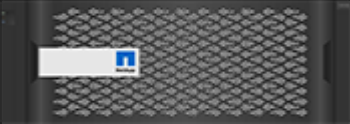
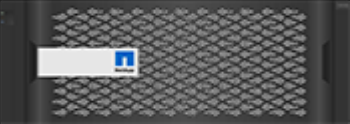

Specifications	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	1440	1440	1440
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	N/A	N/A
Max Number of NL-SAS 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	960	960	960
Max Number of DS212C 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	102,263,040	102,263,040	51,131,520
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	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	5,000	5,000	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	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

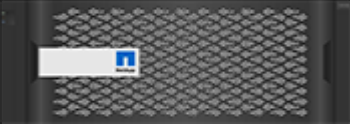
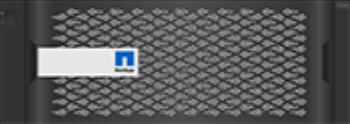
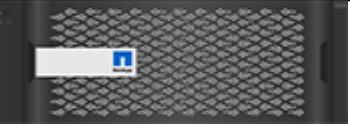
	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup 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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architecture	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 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	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports			
Ethernet Ports	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 4 x SFP28 (25Gb)	4 x QSFP28 (40Gb) 12 x SFP28 (25Gb)
Fibre Channel Ports	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCIe, 10 x PCIe3	4 x M.2 PCIe, 10 x PCIe3	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	16	16	16
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	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)

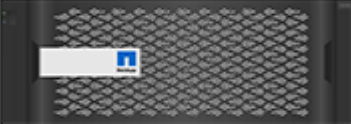
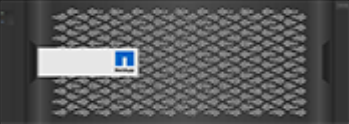
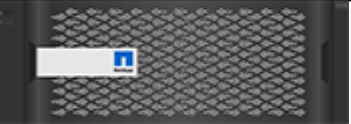
	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis 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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
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*
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

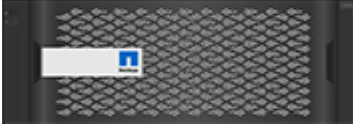
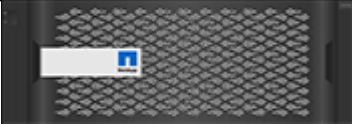
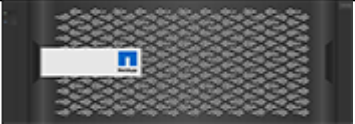


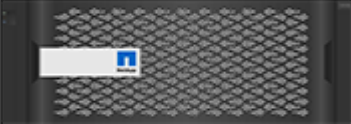
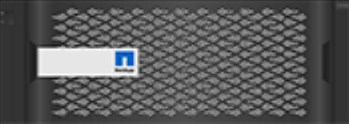
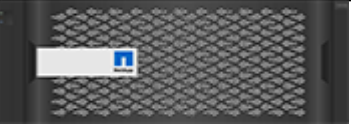
Specifications	<b>FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle</b>	<b>FAS8300 8-Node Fabric MetroCluster, FC Bundle</b>	<b>FAS8300 8-Node MetroCluster IP, Ethernet Bundle</b>
			
	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>	<b>ONTAP 9.9.1P4</b>
<b>Certifications Safety/EMC/EMI</b>	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
<b>Certifications Safety/EMC/EMI/RoHS</b>	BSMI, CE, UKCA	BSMI, CE, UKCA	BSMI, CE, UKCA
<b>Standards EMC/EMI</b>	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
<b>Standards Safety</b>	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, 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, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
<b>System Availability &amp; Support</b>			
<b>Release Date</b>	Dec 2019	Dec 2019	May 2021
<b>End of Availability (EOA)</b>	-	-	-
<b>End of Support (EOS)</b>	-	-	-
<b>NFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Export Policies</b>	6,000	6,000	6,000
<b>Maximum number of Export Rules</b>	70,000	70,000	70,000
<b>Maximum NFSv4 Access Control Entries</b>	N/A	N/A	N/A
<b>Maximum number of client objects</b>	102,400	102,400	102,400
<b>Maximum number of pNFS objects</b>	1,024,000	1,024,000	1,024,000
<b>WAFL Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum Size of a 64-bit Aggregate (TiB)</b>	N/A	N/A	N/A
<b>Maximum Size of a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum file size in a 64-bit Volume (TiB)</b>	N/A	N/A	N/A
<b>Maximum number of Volume Snapshot Copies</b>	127,500	127,500	127,500
<b>Maximum character length for Snapshot copy names</b>	N/A	N/A	N/A
<b>Maximum number of hard links</b>	N/A	N/A	N/A
<b>Maximum number of inodes/files</b>	N/A	N/A	N/A
<b>Maximum number of qtrees</b>	30,000	30,000	30,000
<b>Maximum number of concurrent DataMotion for Volumes (vol move) operations</b>	16	16	8
<b>Quality of Service Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
<b>Maximum number of Policy Groups</b>	6,000	6,000	6,000
<b>Maximum number of QoS user workloads</b>	20,000	20,000	20,000

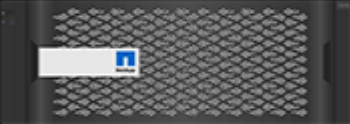
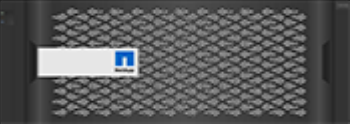

Specifications	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

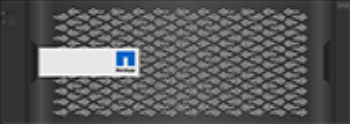
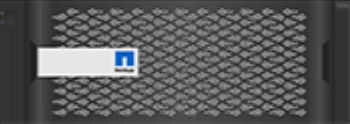

Specifications	FAS8300 8-Node Fabric MetroCluster, Ethernet Bundle	FAS8300 8-Node Fabric MetroCluster, FC Bundle	FAS8300 8-Node MetroCluster IP, Ethernet Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or 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	8
Maximum Number of constituent volumes in a SnapMirror relationship	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
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	960	480	480
Max Number of DS212C 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 Shelves	60 external	30 external	30 external
Max Number of DS4486 Shelves	N/A	30 external	30 external
Max Number of DS460C Shelves	24 external	12 external	12 external
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	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
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

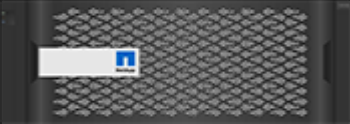
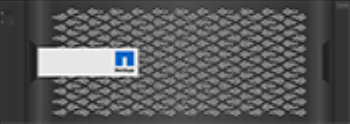
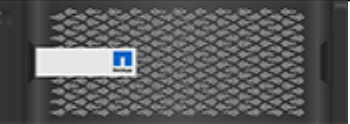
	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data Constituent 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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz	64-bit 10-core 2.20 Ghz
Processor Architecture	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	4	4
Processor Cores (Per CPU)	10	10	10
Processor Cores (Per Node)	20	20	20
Processor Cores (Per Config)	160	40	40
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	16 GB
RAM (Per Node)	128 GB	128 GB	128 GB
Onboard Ports			
Ethernet Ports	4 x QSFP28 (40Gb) 4 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 PCIe, 10 x PCIe3	4 x M.2 PCIe, 10 x PCIe3	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	16	4	4
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	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)

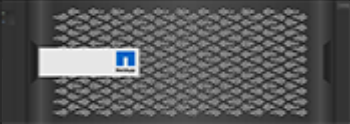
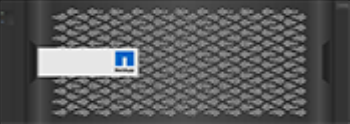

	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.6" (44.7 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Chassis Depth with Cable 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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
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*
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

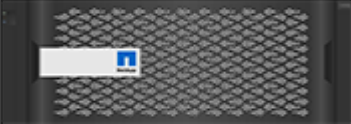
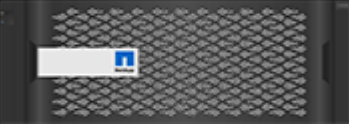
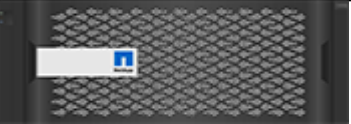
Specifications	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	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)	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, IEC 62368-1, 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 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	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	30,000	200,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move) operations	8	16	16
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	12,000	12,000
Maximum number of QoS user workloads	20,000	40,000	40,000

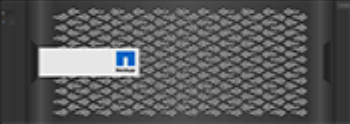
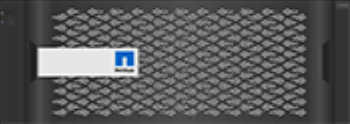

Specifications	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

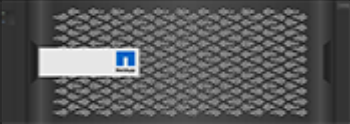
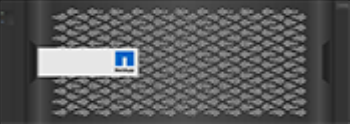



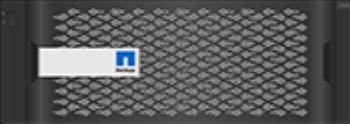
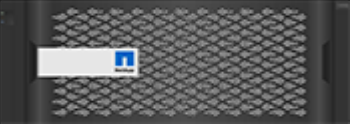

Specifications	FAS8300 8-Node MetroCluster IP, FC Bundle	FAS8300 Single Chassis HA Pair, Ethernet Bundle	FAS8300 Single Chassis HA Pair, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault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

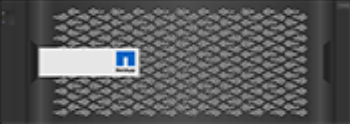
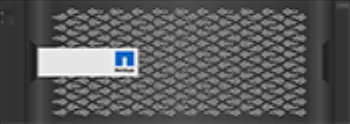
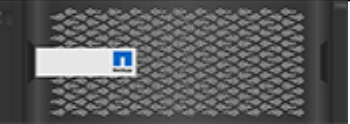
Specifications	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	1440	1440	2880
Max Number of Internal Drives	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	480	480	960
Max Number of DS212C 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	66,577,500	66,577,500	88,867,647
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	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

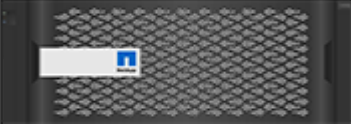
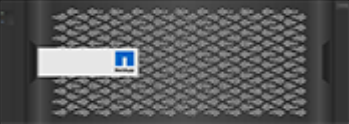
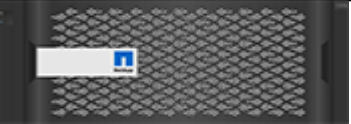
	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup 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			
Spray Core Array LUNs Recommended Min Raw Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz
Processor Architecture	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)	16	16	16
Processor Cores (Per Node)	32	32	32
Processor Cores (Per Config)	128	128	256
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	16 GB
RAM (Per Node)	256 GB	256 GB	256 GB
Onboard Ports			
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	-	-	-
UTA2 Ports	Not Supported	Not Supported	Not Supported
Expansion Slots	4 x M.2 PCIe, 10 x PCIe3	4 x M.2 PCIe, 10 x PCIe3	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 Flanges	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)
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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
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*
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

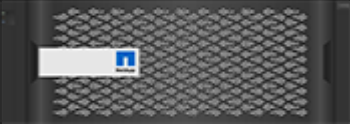
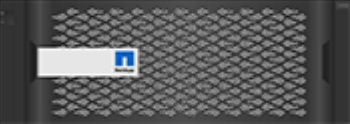

Specifications	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	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. 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, 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, IEC 62368-1, IEC60950-1 (all national deviations), IS 13252(part 1)
System Availability & Support			
Release Date	Nov 2020	Nov 2020	May 2021
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	8	8	8
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 user workloads	20,000	20,000	20,000

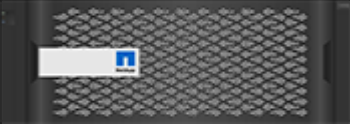
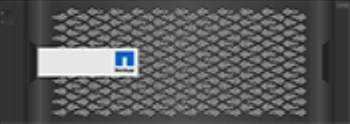

Specifications	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

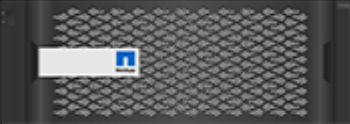
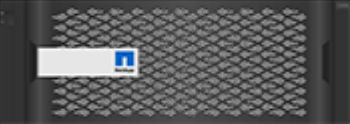

Specifications	FAS8700 4-Node MetroCluster IP (16Gb Fibre Channel)	FAS8700 4-Node MetroCluster IP (25Gb Ethernet)	FAS8700 8-Node MetroCluster IP (16Gb Fibre Channel)
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A	N/A
Maximum number of concurrent Snap Mirror or 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	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

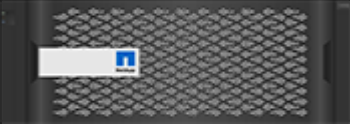
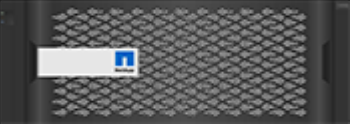

Specifications	FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Storage Limits			
Max Number of Drives (Total)	2880	1440	1440
Max Number of Internal Drives	N/A	N/A	N/A
Max Number of MSATA Drives	N/A	1440	1440
Max Number of NL-SAS Drives	2880	1440	1440
Max Number of SAS Drives	2880	1440	1440
Max Number of SATA Drives	2880	1440	1440
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 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	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	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
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

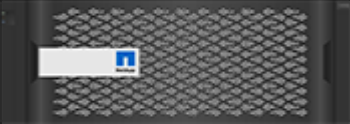
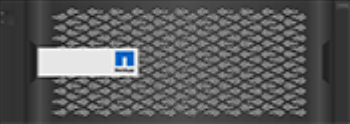
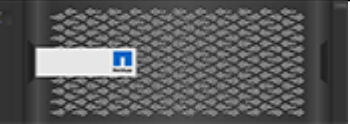





	FAS8700 8-Node MetroCluster IP (25Gb Ethernet)	FAS8700 Single Chassis HA Pair, Ethernet Bundle	FAS8700 Single Chassis HA Pair, FC Bundle
Specifications			
	ONTAP 9.9.1P4	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported	Not Supported
Max FlexGroup Data 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 Capacity	Not Supported	Not Supported	Not Supported
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	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz	64-bit 16-core 2.30 Ghz
Processor Architecture	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)	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)	256 GB	256 GB	256 GB
Onboard Ports			
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 PCIe, 10 x PCIe3	4 x M.2 PCIe, 10 x PCIe3	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	16	4	4
Chassis Height	6.89" (17.5 cm)	6.89" (17.5 cm)	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)




	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 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)
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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	8.5 bels	8.5 bels	8.5 bels
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*
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




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
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. 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, 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, IEC 62368-1, 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 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	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	30,000	200,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move) operations	8	16	16
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	12,000	12,000
Maximum number of QoS user workloads	20,000	40,000	40,000

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 nodes participating in QoS	N/A	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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 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	255	255
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	1,000	1,000




Specifications	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
			
	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 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	1440
Max Number of SAS Drives	1440	1440	1440
Max Number of SATA Drives	1440	1440	1440
Max Number of SSD Drives	480	480	480
Max Number of DS212C 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	N/A	N/A	N/A
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	N/A	N/A	N/A
Maximum number of LIFs - NAS	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




Specifications	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
			
	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 Capacity	119.53 TiB <sup>[2]</sup>	119.53 TiB <sup>[2]</sup>	119.53 TiB <sup>[2]</sup>
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			
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Architecture	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 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)	32 GB	32 GB	32 GB
RAM (Per Node)	512 GB	512 GB	512 GB
Onboard Ports			
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			
Rack Units	16	16	16
Chassis Height	14.02" (35.6 cm)	14.02" (35.6 cm)	14.02" (35.6 cm)
Chassis Width with Mounting Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)




	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
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 Mgmt	30.79" (78.2 cm)	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)	6.03" (15.3 cm)
Front Clearance (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 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 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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	7.4 bels	7.4 bels	7.4 bels
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	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









Specifications	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
			
	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)	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, 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	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
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	N/A	N/A	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	N/A	N/A	N/A
Maximum number of concurrent DataMotion for Volumes (vol move) operations	N/A	N/A	N/A
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	N/A	N/A	N/A
Maximum number of QoS user workloads	N/A	N/A	N/A




Specifications	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
			
	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
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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




Specifications	FAS9000 2-Node Fabric MetroCluster	FAS9000 2-Node Stretch MetroCluster, Fiber Bridge	FAS9000 2-Node Stretch MetroCluster, Optical SAS
			
	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	N/A	N/A	N/A
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A

Specifications	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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	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	66,577,500	66,577,500	133,155,000
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair	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	5,000	50,000	5,000
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	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




Specifications	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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 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 Aggregate	1.25 TiB	Not Supported	1.25 TiB
Min Array LUN Size – Root Volume	1.70 TiB	-	1.70 TiB
Spare Core Array LUN Min Size	1.35 TiB	Not Supported	1.35 TiB
Max RAID Groups in an Aggregate	150	Not Supported	150
Block Size	512 bytes	Not Supported	512 bytes
Neighborhood Visible and Assigned Devices	-	Not Supported	-
Processor			
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Architecture	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 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)	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	20 x IO Module	20 x IO Module	20 x IO Module
SAS Ports	-	-	-
Physical Characteristics			
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 Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)	19.02" (48.3 cm)



Specifications	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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 Mgmt	30.79" (78.2 cm)	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)	6.03" (15.3 cm)
Front Clearance (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 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 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 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 12192 m	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	7.4 bels	7.4 bels	7.4 bels
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	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



Specifications	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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)	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, 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 user workloads	20,000	20,000	20,000



Specifications	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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	FAS9000 4-Node Fabric MetroCluster	FAS9000 4-Node MetroCluster IP	FAS9000 8-Node Fabric MetroCluster
			
	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	8
Maximum Number of constituent volumes in a SnapMirror relationship	N/A	N/A	N/A



Specifications	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
		
	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	Scope:HA Pair	Scope:HA Pair
Marketing Maximum Raw Capacity	30,000,000	15,000,000
Effective Capacity	133,155,000	66,577,500
Core Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of storage virtual machines (SVMs) - NAS	64	1,024
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

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
Specifications		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Max Infinite Volume Data Constituent Size	Not Supported	Not Supported
Max FlexGroup Data Constituent Size	Not Supported	100 TiB
Min Root Volume Size	962 GiB	962 GiB
NetApp Volume Encryption	Supported	Supported
FlexArray Specifications		
Spray Core Array LUNs Recommended Min Raw Capacity	Not Supported	119.53 TiB <sup>[2]</sup>
Spray Core Array LUNs Absolute Min Raw Capacity	Not Supported	71.72 TiB <sup>[3]</sup>
Max Array LUN Size	Not Supported	15.31 TiB <sup>[4]</sup>
Min Array LUN Size	Not Supported	1.05 GiB
Min Size for an Array LUN Aggregate	Not Supported	1.25 TiB
Min Array LUN Size – Root Volume	-	1.70 TiB
Spare Core Array LUN Min Size	Not Supported	1.35 TiB
Max RAID Groups in an Aggregate	Not Supported	150
Block Size	Not Supported	512 bytes
Neighborhood Visible and Assigned Devices	Not Supported	-
Processor		
Processor Model	64-bit 18-core 2.30 Ghz	64-bit 18-core 2.30 Ghz
Processor Architecture	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 CPU)	18	18
Processor Cores (Per Node)	36	36
Processor Cores (Per Config)	288	72
Memory		
NVME (Per Node)	N/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)	512 GB	512 GB
Onboard Ports		
Ethernet Ports	-	-
Fibre Channel Ports	-	-
UTA2 Ports	Not Supported	-
Expansion Slots	20 x IO Module	20 x IO Module
SAS Ports	-	-
Physical Characteristics		
Rack Units	32	8
Chassis Height	14.02" (35.6 cm)	14.02" (35.6 cm)
Chassis Width with Mounting Flanges	19.02" (48.3 cm)	19.02" (48.3 cm)

	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
Specifications		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Chassis Width without Mounting Flanges	17.72" (45 cm)	17.72" (45 cm)
Chassis Depth with Cable Mgmt	36.81" (93.5 cm)	36.81" (93.5 cm)
Chassis Depth without Cable 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 (Maintenance)	31.01" (78.7 cm)	31.01" (78.7 cm)
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		
Operating Temperature Range	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
Transit Temperature Range	-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 %
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 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
Transit Altitude Range	Up to 39989.8 ft Up to 12192 m	Up to 39989.8 ft Up to 12192 m
Acoustic Noise - Sound Power	7.4 bels	7.4 bels
Acoustic Noise - Sound Pressure	65 dBA	65 dBA
Input Power Voltage	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
Minimum OS	9.9.1RC1	9.9.1RC1
Maximum OS	9.9.1P4	9.9.1P4
Software and Firmware * indicates that firmware is bundled with Storage OS Version		
BIOS	10.12*	10.12*
BMC	N/A	N/A
Service Processor Firmware	4.10*	4.10*
Product Standards Compliance		
Certifications EMC/EMI	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

Specifications	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Certifications Safety/EMC/EMI	EAC, UKRSEPRO	EAC, UKRSEPRO
Certifications Safety/EMC/EMI/RoHS	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
Standards Safety	ANSI/UL60950-1, ANSI/UL62368-1, BS EN62368-1, 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. 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 Rules	70,000	200,000
Maximum NFSv4 Access Control Entries	N/A	N/A
Maximum number of client objects	102,400	100,000
Maximum number of pNFS objects	1,024,000	1,024,000
WAFL Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum Size of a 64-bit Aggregate (TiB)	N/A	N/A
Maximum Size of a 64-bit Volume (TiB)	N/A	N/A
Maximum file size in a 64-bit Volume (TiB)	N/A	N/A
Maximum number of Volume Snapshot Copies	127,500	2,046,000
Maximum character length for Snapshot copy names	N/A	N/A
Maximum number of hard links	N/A	N/A
Maximum number of inodes/files	N/A	N/A
Maximum number of qtrees	30,000	200,000
Maximum number of concurrent DataMotion for Volumes (vol move) operations	16	16
Quality of Service Cluster Limits	Scope:HA Pair	Scope:HA Pair
Maximum number of Policy Groups	6,000	12,000
Maximum number of QoS user workloads	20,000	40,000

Specifications	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of nodes participating in QoS	N/A	N/A
<b>SAN Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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 available	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 - FCP	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
<b>CIFS Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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
<b>Data Protection Cluster Limits</b>	<b>Scope:HA Pair</b>	<b>Scope:HA Pair</b>
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

Specifications	FAS9000 8-Node MetroCluster IP	FAS9000 Single Chassis HA Pair
		
	ONTAP 9.9.1P4	ONTAP 9.9.1P4
Maximum number of load sharing (LS) mirrors	N/A	N/A
Maximum number of concurrent Snap Mirror or SnapVault transfers	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
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)												
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 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)	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 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
<b>Embedded Drive Config (Empty)</b>												
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 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)	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
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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)												
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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
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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
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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

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)												
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	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
<b>Embedded Drive Config (Full)</b>												
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

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 Config (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 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
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
<b>Embedded Drive Config (Empty)</b>												
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
<b>Embedded Drive Config (Half)</b>												
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	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 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
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

[illegible]

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 Config (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 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
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 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	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
<b>Embedded Drive Config (Full)</b>												
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
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 Config (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 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

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 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	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 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
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 Config (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 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
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	BTU/Hr Worst
Embedded Drive Config (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

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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

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

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

# FAS9000 with ONTAP 9.9.1P4

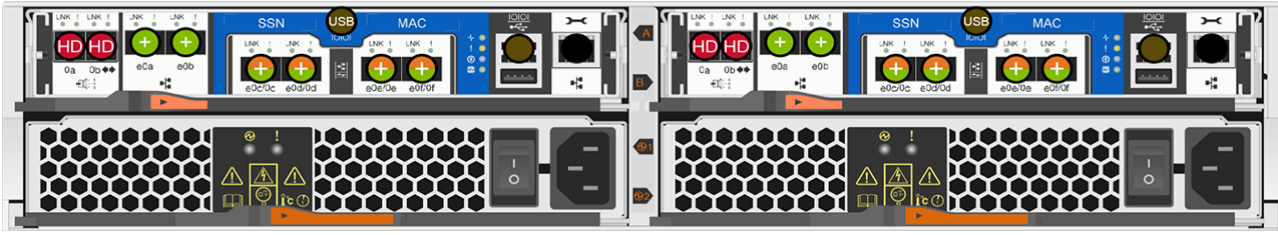
Associated Part No.	Configuration	Rack Units	Weight	Sound Power	Sound Pressure	Line Voltage Actual	Amps Typical	Amps Worst	Watts Typical	Watts Worst	BTU/Hr Typical	BTU/Hr Worst
<b>FAS9000</b>												
FAS9000A	FAS9000 2 PCM 2xSAS, 6xUTA, 6x40G, 4x10Gb-T, 2x8TB	8	214.5 lb (97.3 kg)	7.4 Bels	65 dBA	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
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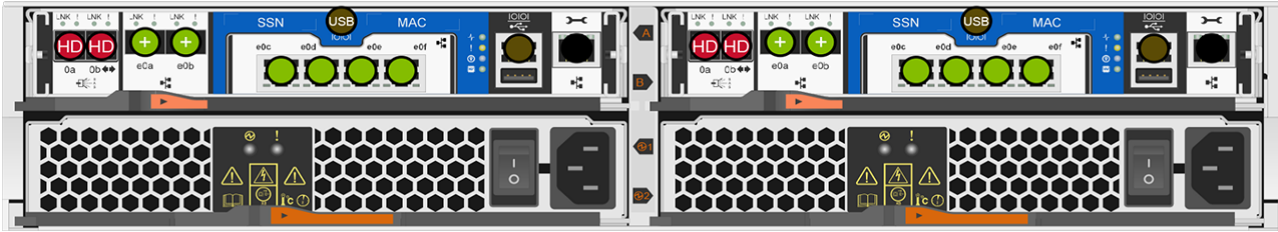
FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x2TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	100	17.50	18.36	1715	1799	5854	6140
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FAS9000A	FAS9000 2 PCM 4xSAS, 2xUTA, 6x40G, 2x8TB	8	198.0 lb (89.8 kg)	7.4 Bels	65 dBA	200	8.58	9.00	1681	1764	5738	6021
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FAS9000A	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
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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

## Alternate View Images

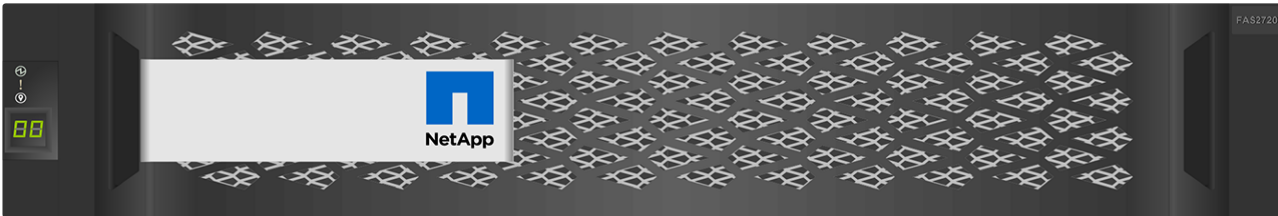
Rear View - FAS2720 ( Controller + Controller )



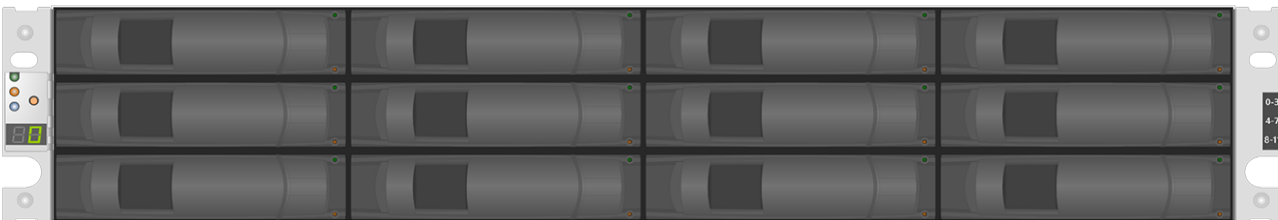
FAS2720 - Rear (10GBASE-T Config)



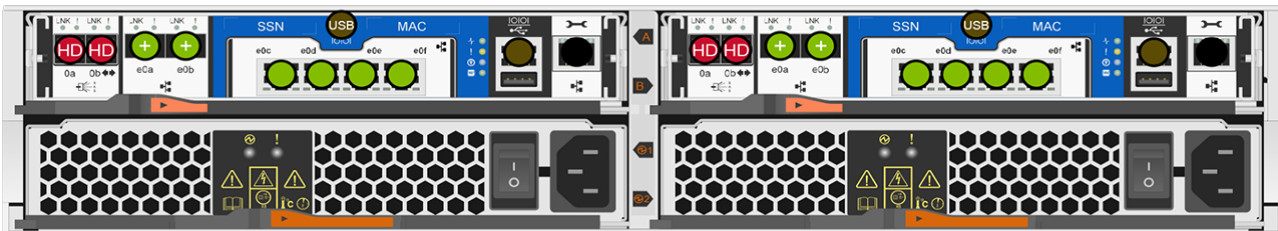
FAS2720 - Front Bezel



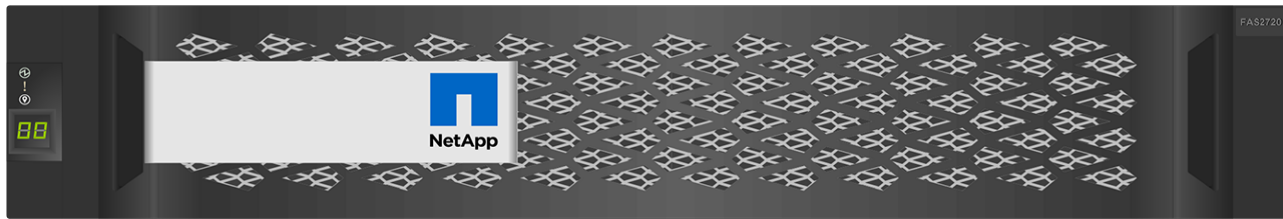
FAS2720 - Front Open



FAS2720 - Rear (10GBASE-T Config)



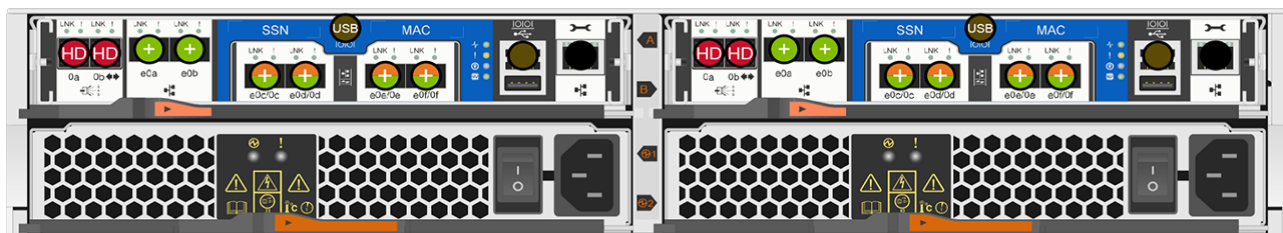
FAS2720 - Front Bezel



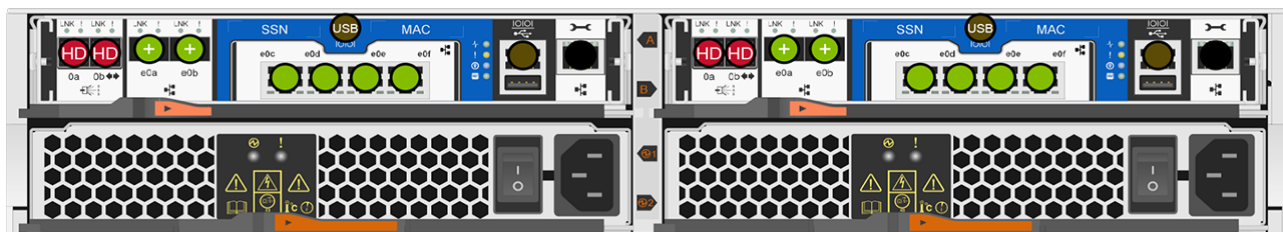
FAS2720 - Front Open



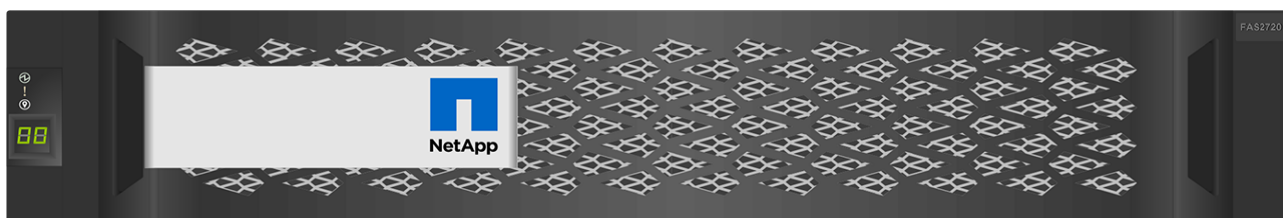
Rear View - FAS2720 ( Controller + Controller )



### FAS2720 - Rear (10GBASE-T Config)



## FAS2720 - Front Bezel

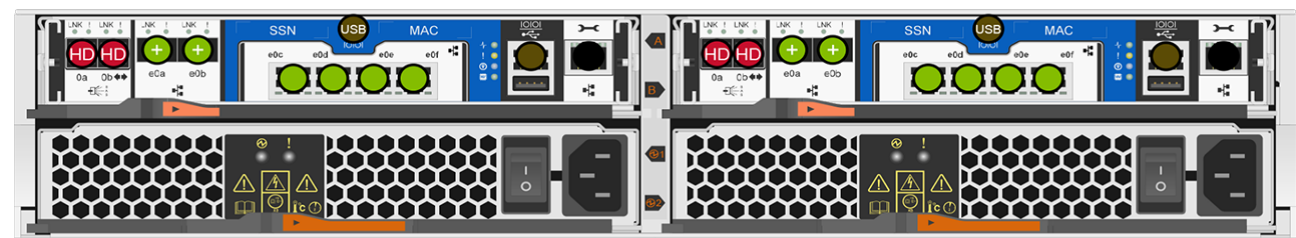


FAS2720 - Front Open

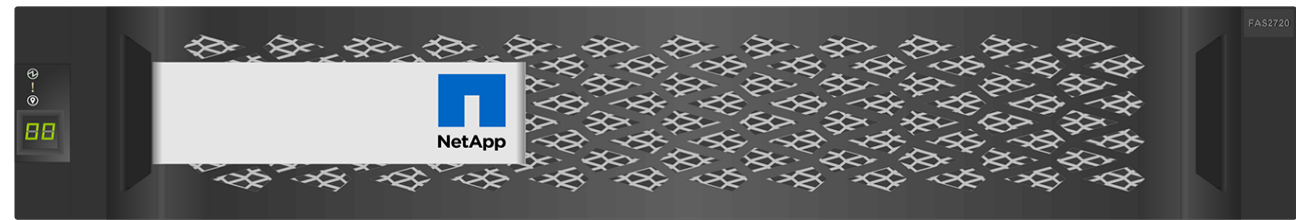


### FAS2720 - Rear (10GBASE-T Config)





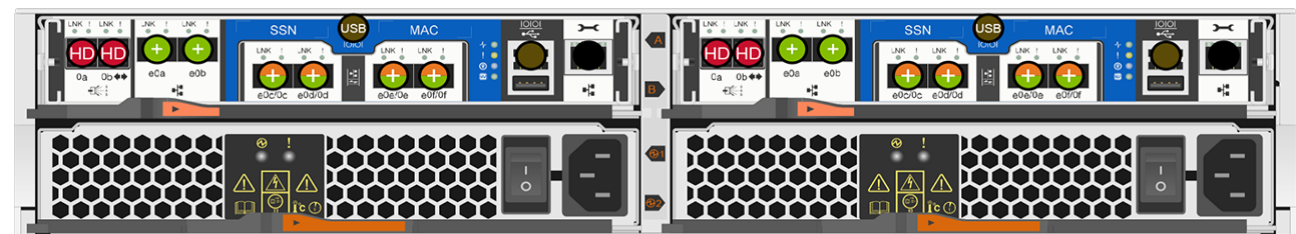
FAS2720 - Front Bezel



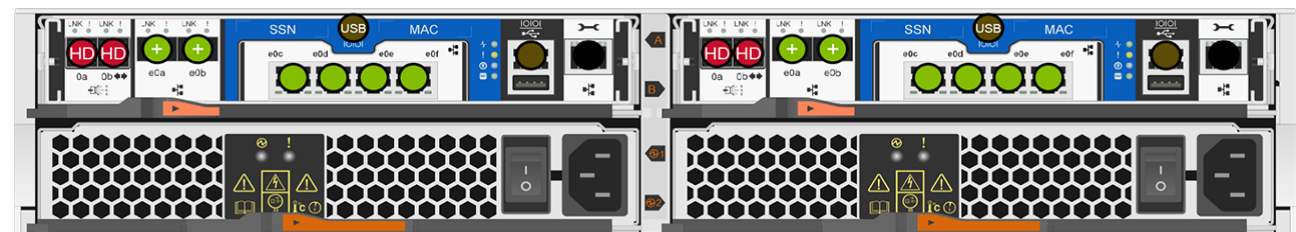
FAS2720 - Front Open



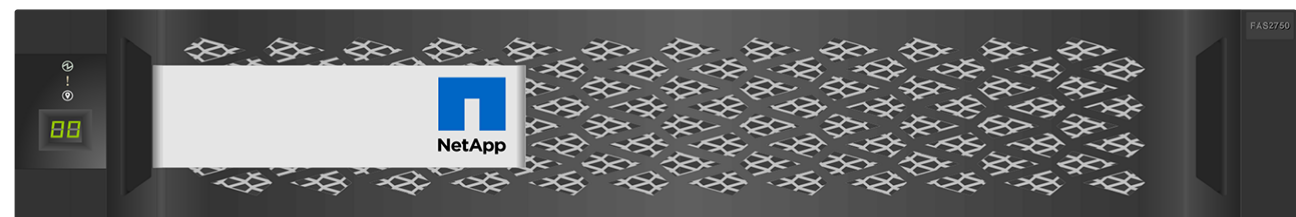
Rear View - FAS2750 ( Controller + Controller )



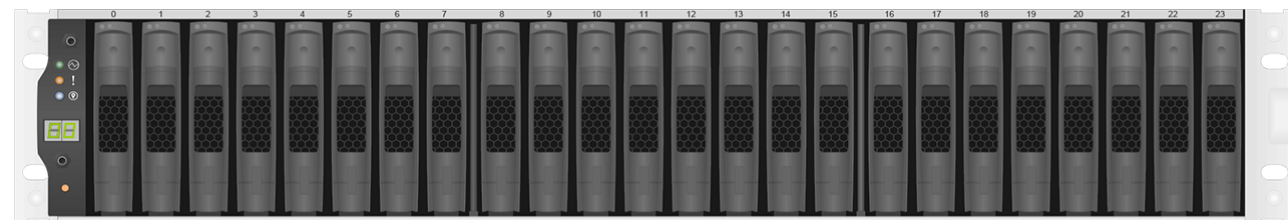
FAS2750 - Rear (10GBASE-T Config)



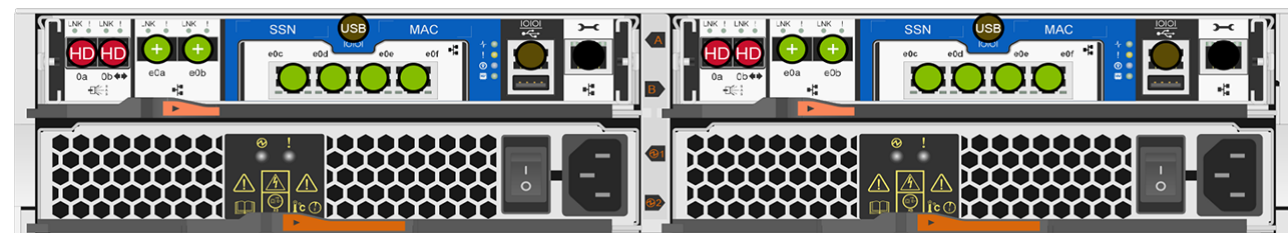
FAS2750 - Front Bezel



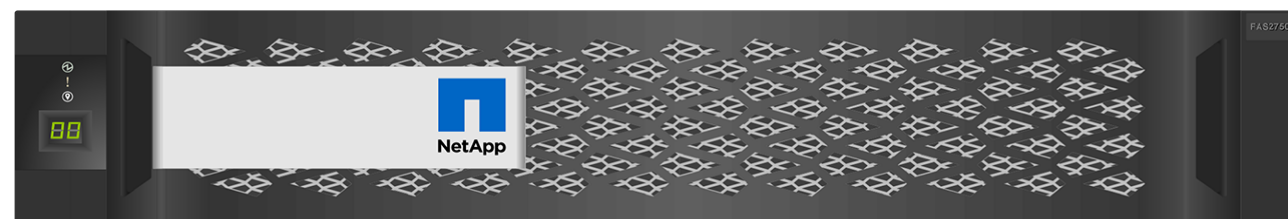
FAS2750 - Front Open



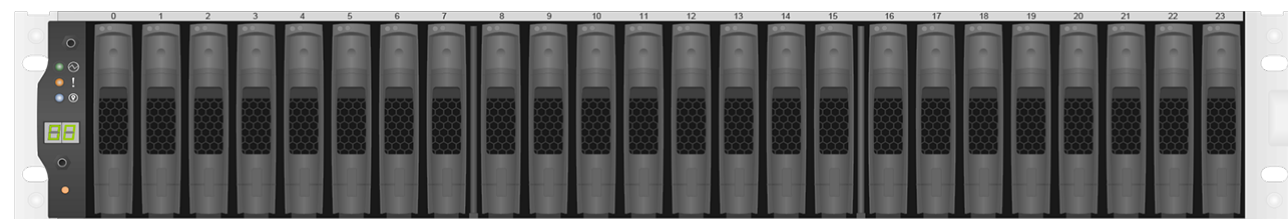
FAS2750 - Rear (10GBASE-T Config)



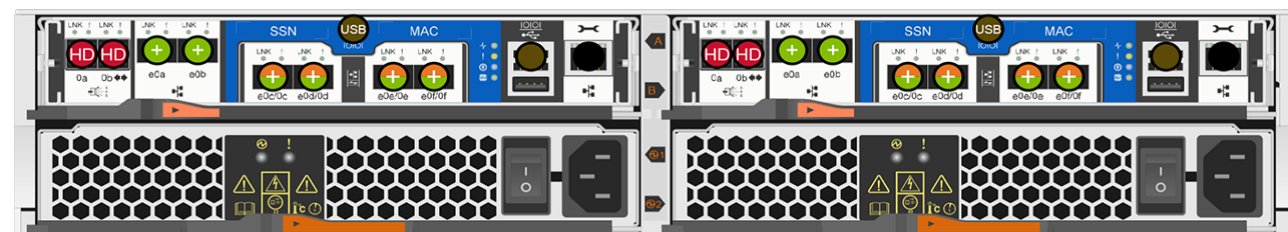
FAS2750 - Front Bezel



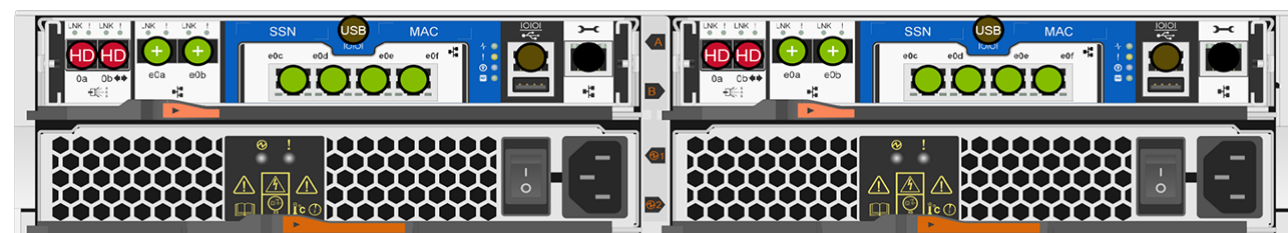
FAS2750 - Front Open



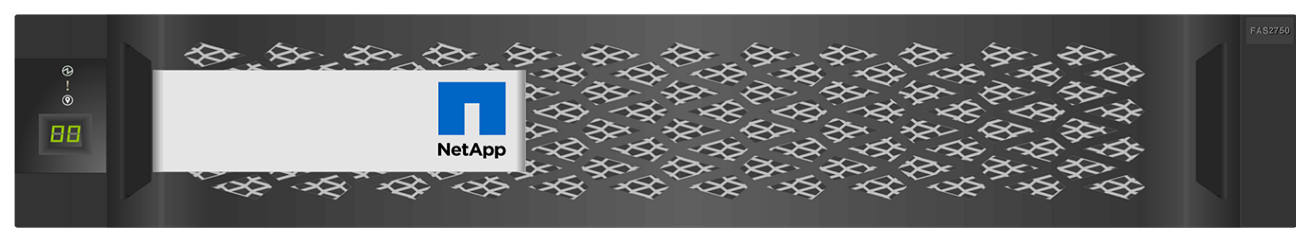
Rear View - FAS2750 ( Controller + Controller )



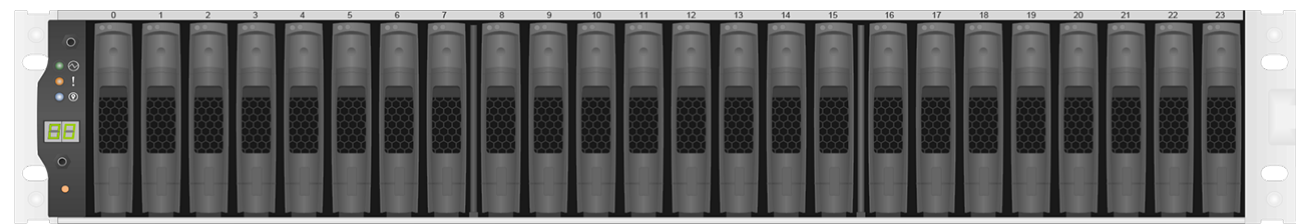
FAS2750 - Rear (10GBASE-T Config)



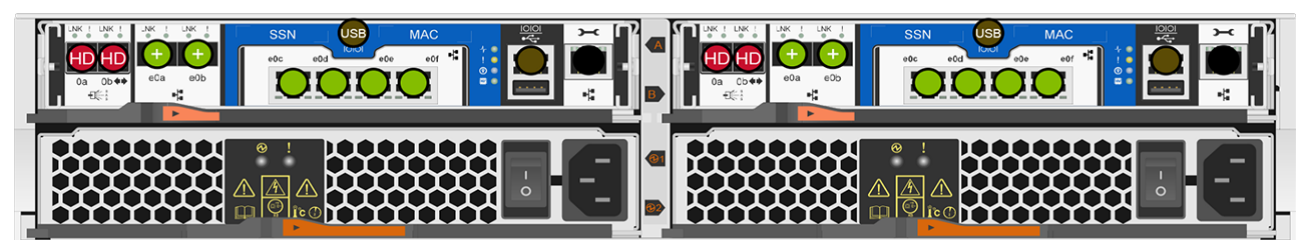
FAS2750 - Front Bezel



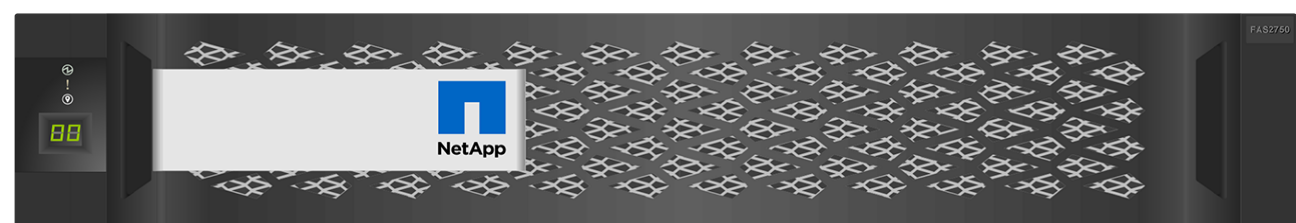
FAS2750 - Front Open



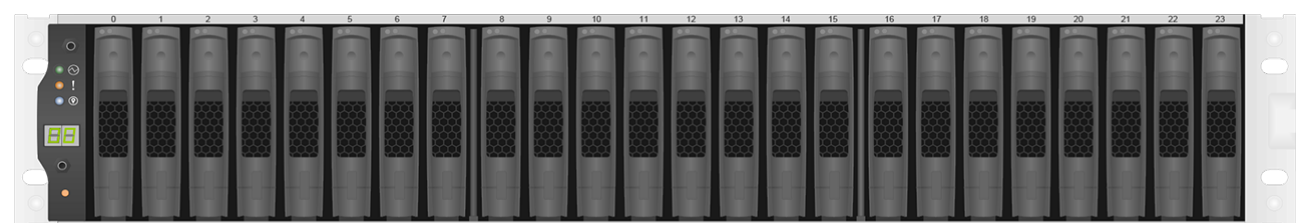
FAS2750 - Rear (10GBASE-T Config)



FAS2750 - Front Bezel



FAS2750 - Front Open

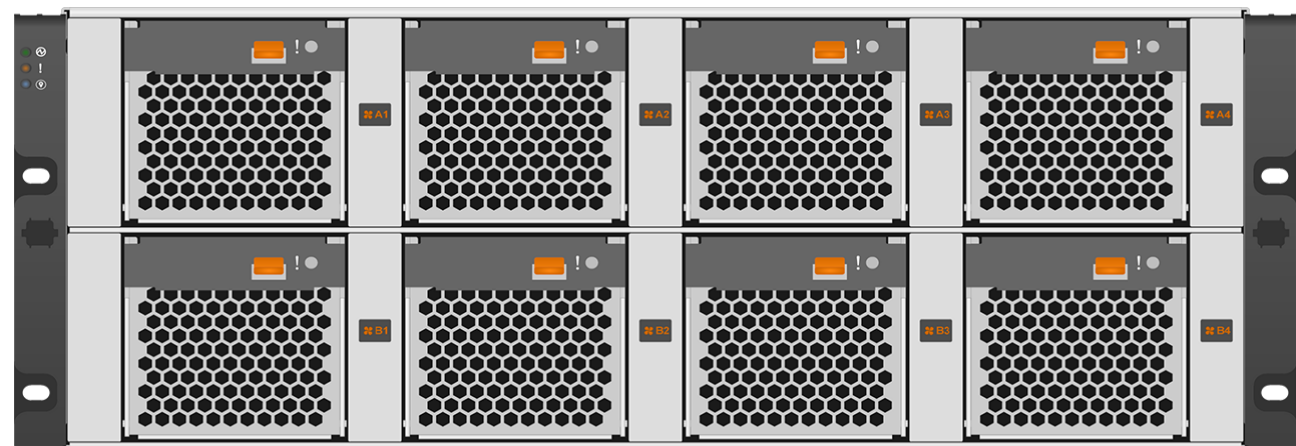


Rear View - FAS500f ( Controller + Controller )

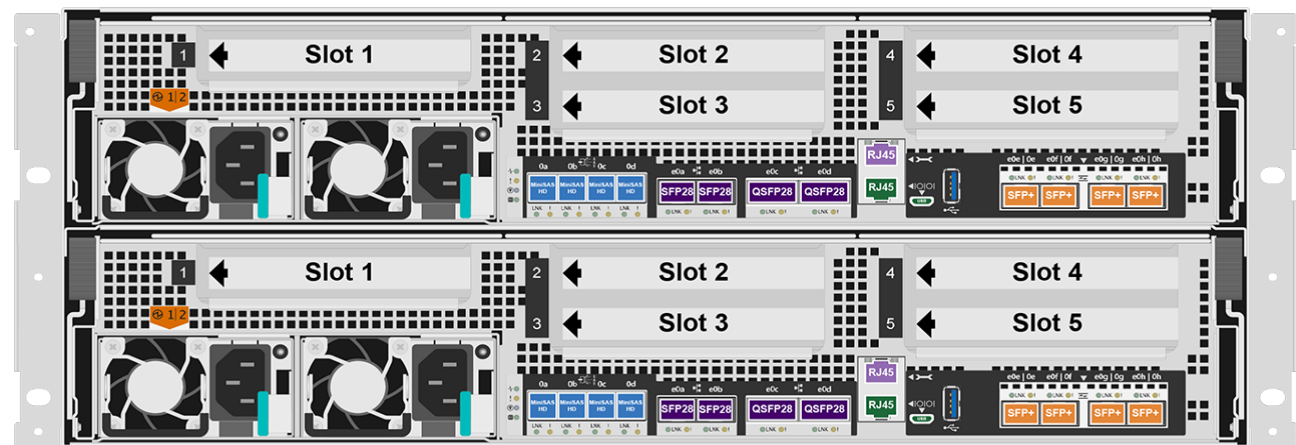
Rear View - FAS8300 ( Controller + Controller )

FAS8300 - Front [Open]

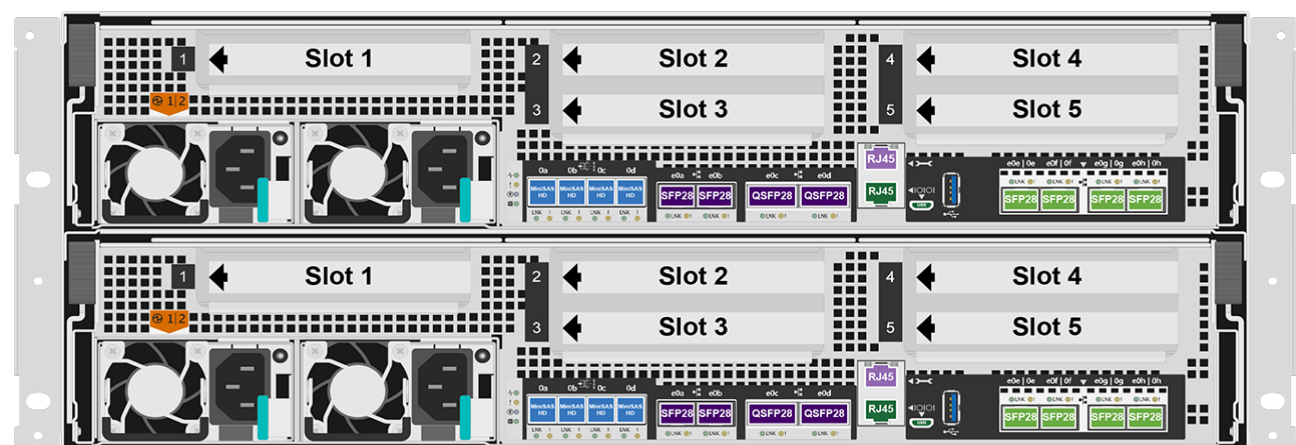




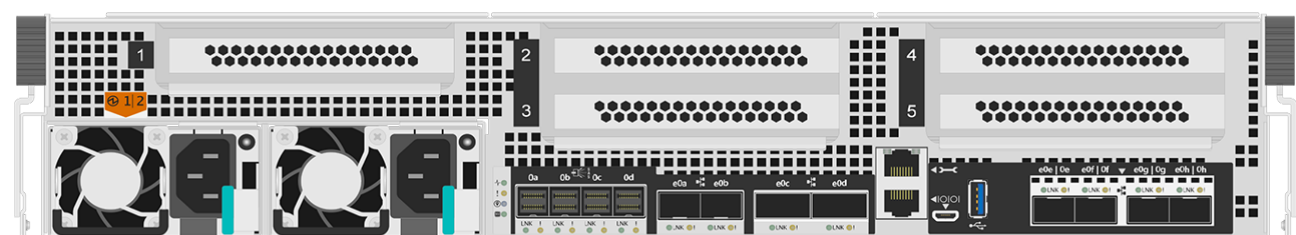
FAS8300 - Rear [FC Config]



FAS8300 - Rear [Ethernet Config]

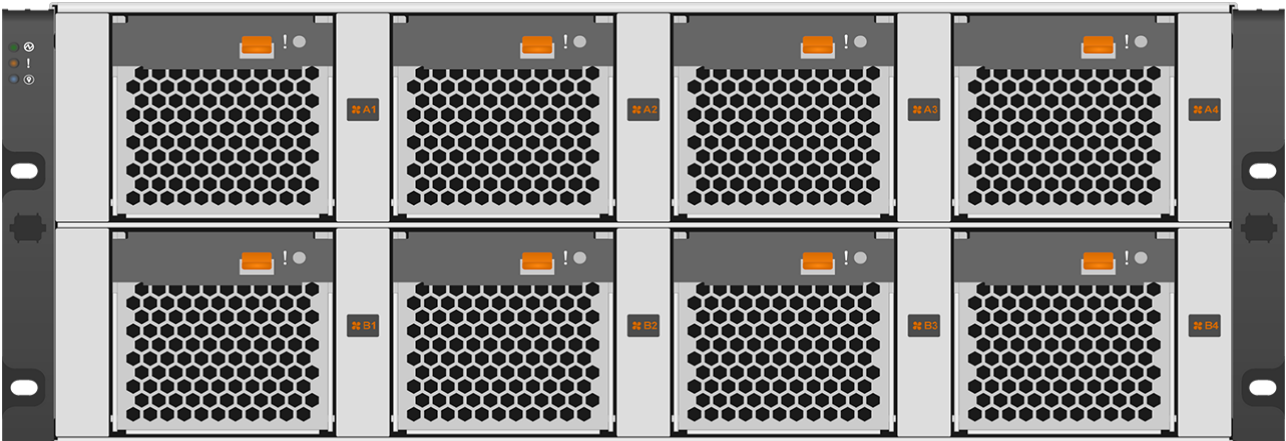


FAS8300 - Rear [PCM]

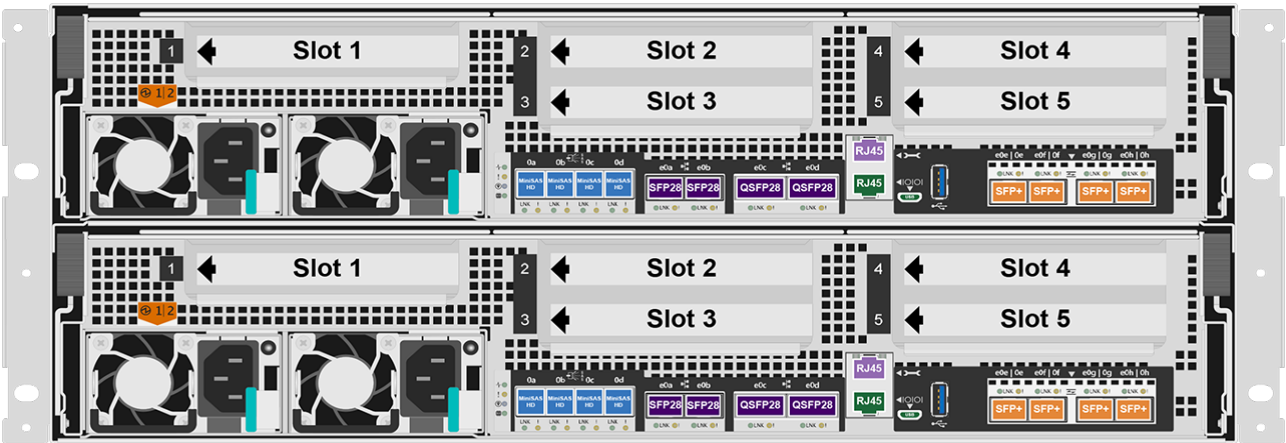


Rear View - FAS8300 ( Controller + Controller )

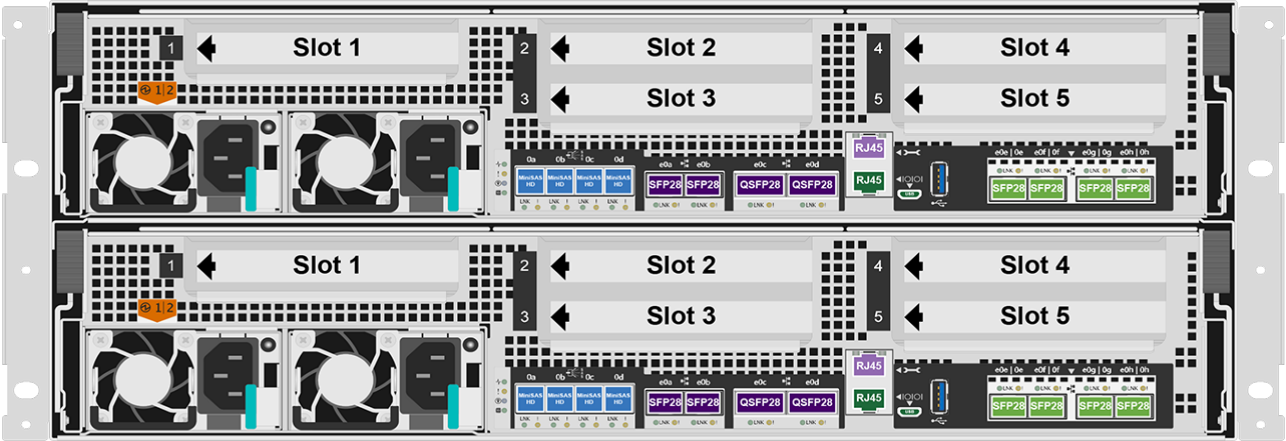
FAS8300 - Front [Open]



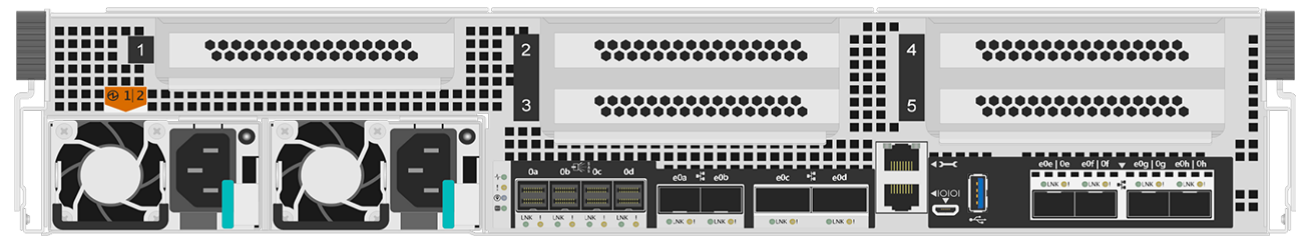
FAS8300 - Rear [FC Config]



FAS8300 - Rear [Ethernet Config]

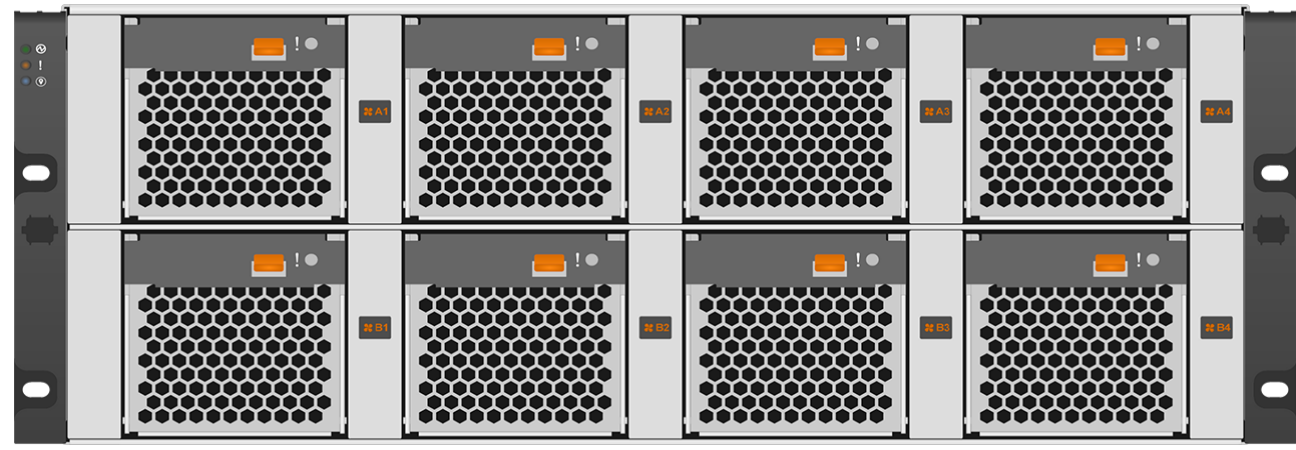


FAS8300 - Rear [PCM]

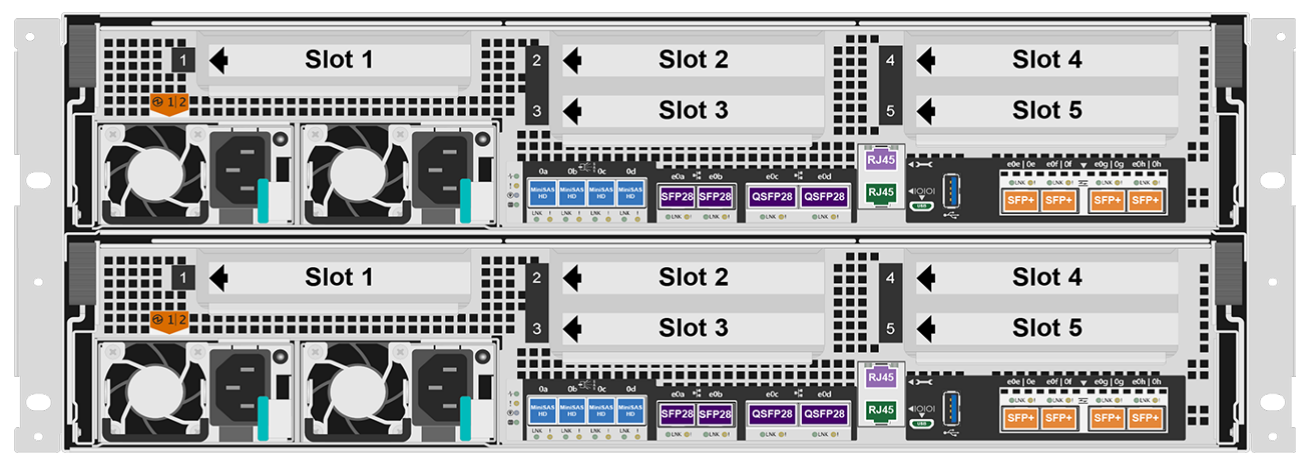


Rear View - FAS8700 ( Controller + Controller )

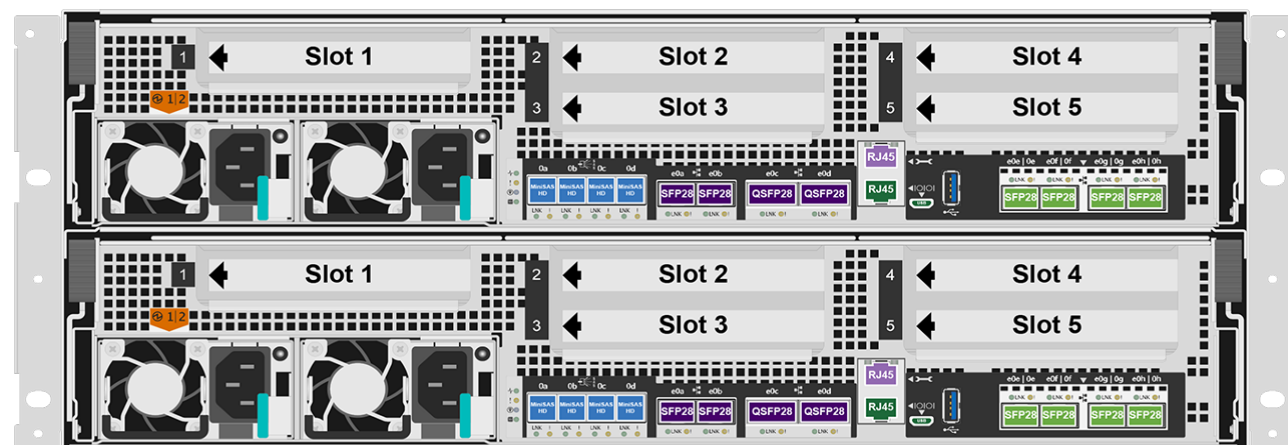
FAS8700 - Front [Open]



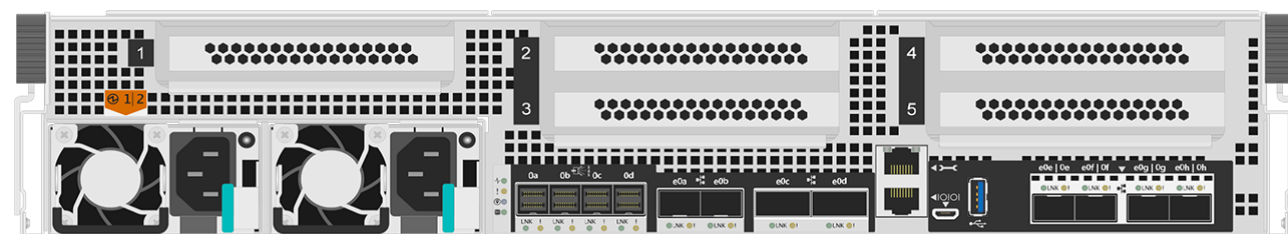
FAS8700 - Rear [FC Config]



FAS8700 - Rear [Ethernet Config]

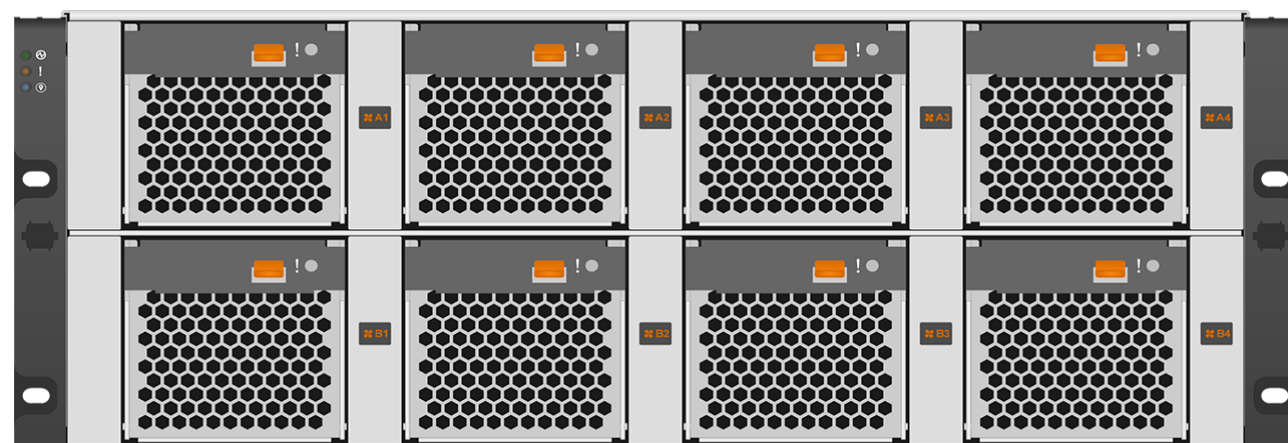


FAS8700 - Rear [PCM]



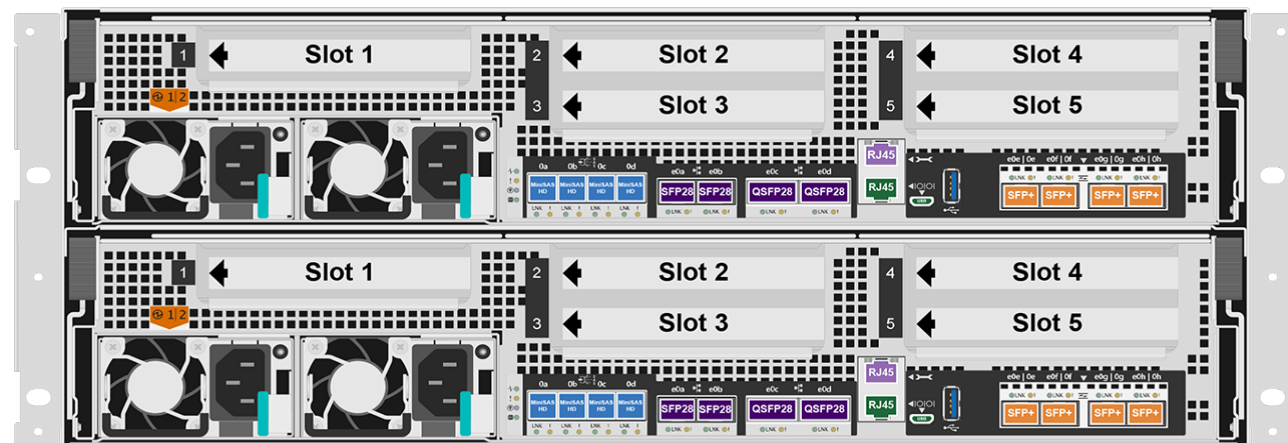
Rear View - FAS8700 ( Controller + Controller )

FAS8700 - Front [Open]

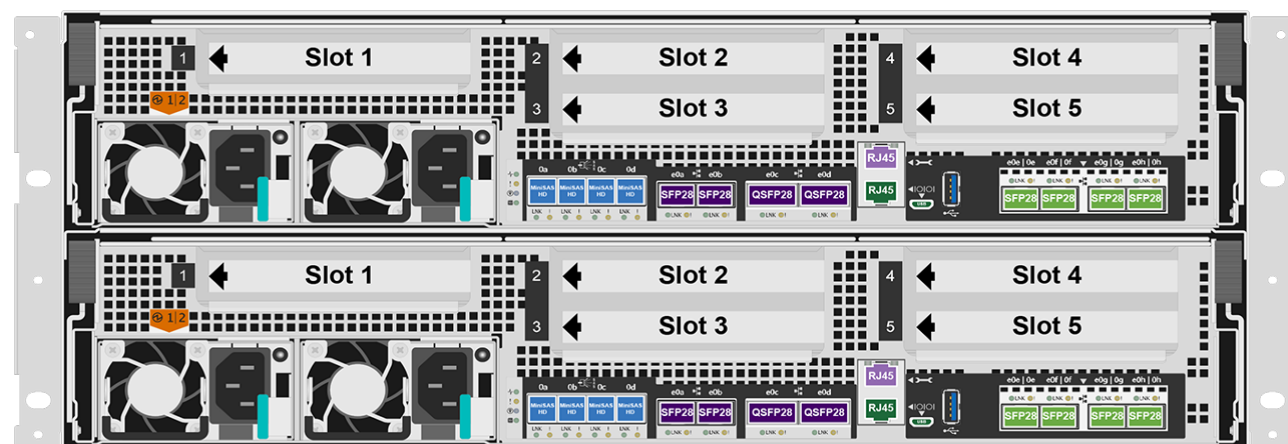


FAS8700 - Rear [FC Config]

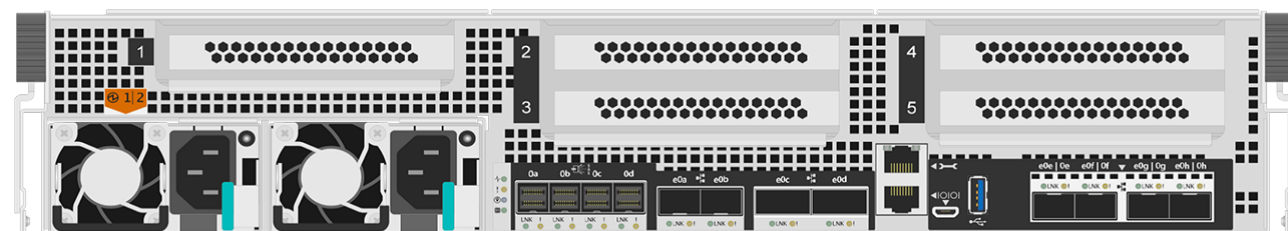




FAS8700 - Rear [Ethernet Config]

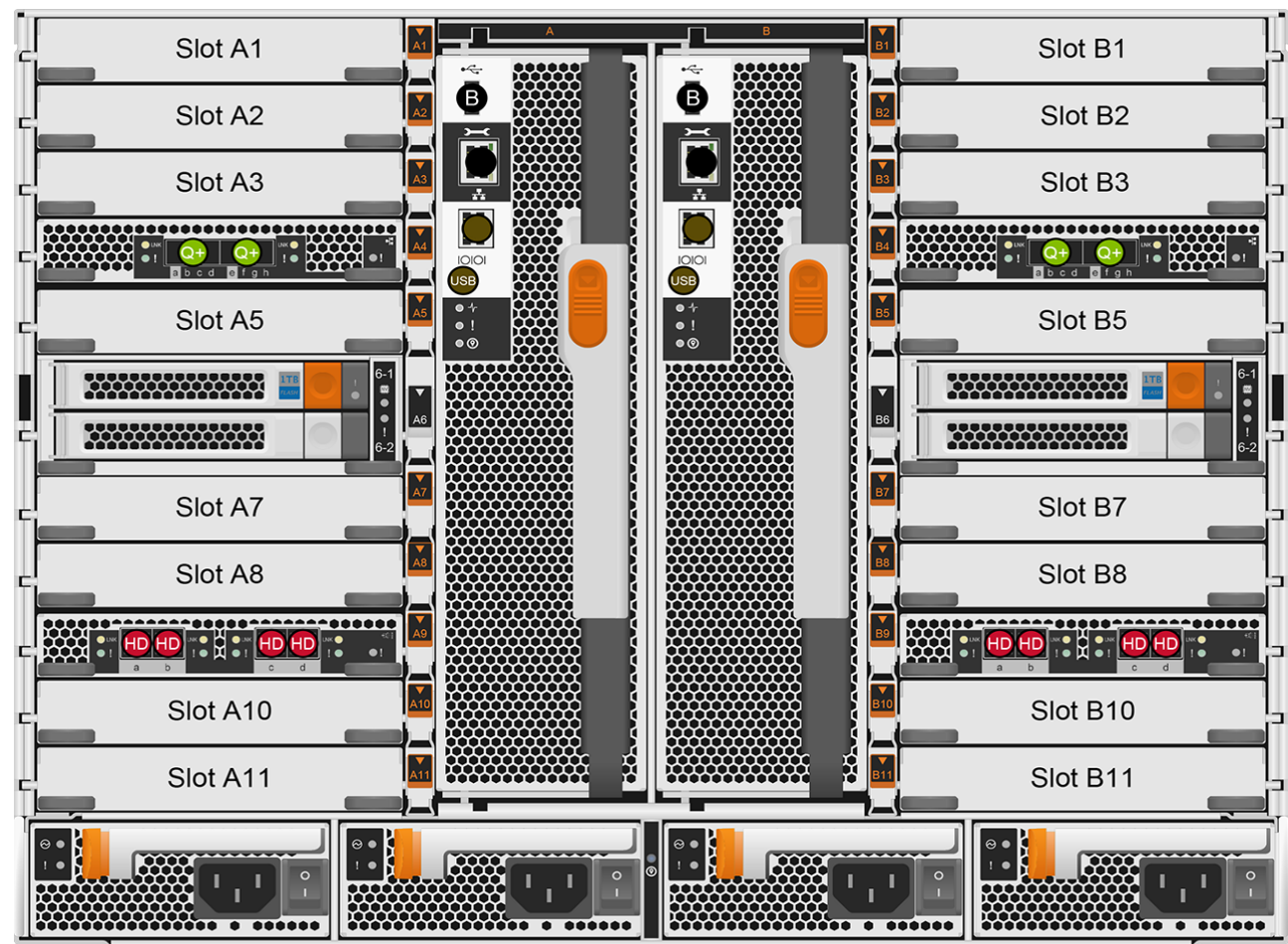


FAS8700 - Rear [PCM]



Rear View - FAS9000 ( Controller + Controller )





Expansion Slots	SAS/SCSI Ports	Ethernet Ports	Fibre Channel Ports	HA Ports	Management Ports
<ul style="list-style-type: none"> <li>PCIe</li> <li>PCI-X</li> <li>Mezzanine</li> </ul>	<ul style="list-style-type: none"> <li>MiniSAS HD</li> <li>MiniSAS</li> <li>QSFPP</li> </ul>	<ul style="list-style-type: none"> <li>QSFPP+</li> <li>RJ45</li> <li>SFP28</li> <li>SFP+</li> </ul>	<ul style="list-style-type: none"> <li>UT2/CNA SFP+</li> <li>SFP+</li> <li>SFP</li> </ul>	<ul style="list-style-type: none"> <li>MiniSAS HD</li> <li>Infiniband 4X</li> <li>QSFPP</li> <li>SFP+</li> </ul>	<ul style="list-style-type: none"> <li>Remote RJ45</li> <li>Console RJ45</li> <li>Host USB A</li> <li>Micro-B</li> <li>PS/2</li> </ul>