14.0 - Hardware Diagrams: Qualified CBox, DBox, and Switches

DBoxes	5.2	5.1	5.0	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.6	3.4	3.2
DF-5615. Maverick	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DF-5630 Maverick	X	X	X	X	X	X	X	X	X*	-	-	-	-	-
DF-3015	X	X	X	X	X	X	X	**	**	-	-	-	-	-
DF-3060. (Ceres 60TB)	X	X	-	-	-	-	-	-	-	-	-	-	-	-
DF-5630 (MLK)****	X	≥sp40	≥sp60											
DF-5660 (MLK)****	X	≥sp40	≥sp60	-	-	-	-	-	-	-	-	-	-	-
Mercury D Box V 1 - 15TB	X	X	X	X	**	-	-	-	-	-	-	-	-	-
Mercury D Box V 1 - 30TB (TBC)	X	X	X	X	-	-	-	-	-	-	-	-	-	-
CBoxes														
Broadwell	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cascade Lake (Old but still in the field)	X	X	X	X	X	X	X	X	X	X	X	-	-	-
Ice Lake (HPE)	X	X	X	X	X	X	**	-	-	-	-	-	-	-
Ice Lake (Dell)	X	X	X	X	-	-	-	-	-	-	-	-	-	-
Mercury C Box - Cascade Lake	X	X	X	X	**	-	-	-	-	-	-	-	-	-

EBoxes - Include CNode and DNode functions - 1Ux12														
SMC	X	Alpha	-	-	-	-	-	-	-	-	-	-	-	-
Cisco (pending)														

X Supported/GA, - No support, *DF-5630 requires at least 2 D-boxes until 4.3, **Beta/Approval Only *** without Limiter/approval only ****Minimum SW required for MLK (New Cluster) listed. FRU Replacement has additional minimum SW requirements.

Ethernet Switches					
VAST SKU	Switch Model	Description	Availability	Manufacture SKU	
ETH-NVMEF-2X16	NVIDIA SN2100	16 x 100G Switch	Available Now		
ETH-NVMEF-1X32	NVIDIA SN2700C	32 x 100G Switch	Available Now (EOS)		
ETH-NVMEF-1X32-200G	NVIDIA SN3700	32 x 200G Switch	Available Now		
ETH-NVMEF-1X64-200G	NVIDIA SN4600C	64 x 100G Switch	Available Now		
ETH-NVMEF-1X64	NVIDIA SN4600	64 x 200G Switch	Available Now		
ETH-NVMEF-1X32-400G	Arista 7050DX4-32S	32 x 400G Switch QSFP-DD	Available Now (At Lead Time)		

ETH-NVMEF-1X32-400G	NVIDIA SN4700	32 x 400G Switch QSFP-DD	Awaiting ETA		
ETH-NVMEF-1X64-400G	Arista 7060DX5-64S	64 x 400G Switch QSFP-DD	Available Now (At Lead Time)		
ETH-NVMEF-1X64-400G	NVIDIA SN5400	64 x 400G Switch QSFP-DD	Available Now (At Lead Time)		
IB Switches					
VAST SKU	**Switch Model**	**Description**	**Availability**	**Manufacture SKU**	
HDR-NVMEF-1X40	NVIDIA QM8700	40 x 200G Switch (HDR)- Managed	Available Now	MQM8700-HS2F-VTA	
HDR-NVMEF-1X40	NVIDIA QM8790	40 x 200G Switch (HDR) - UnManaged	Available Now	MQM8790-HS2F	
EDR-NVMEF-1X36	NVIDIA MSB7790	36 port x 100Gb Unmanaged	Supported / No Longer Available	MSB7790-EB2F	
EDR-NVMEF-1X36	NVIDIA MSB7800	36 port x 100Gb Managed	Supported / No Longer Available	MSB7800-ES2F	

VAST Supported Switches

Ethernet Switches	

Switch Make/Model	Description	OS	Notes	
Arista DCS-7060PX4-32	32 x 400G 1U Switch	EOS		
Arista 7050CX3-32S	32 x 100G 1U Switch	EOS		
Cisco Nexus C9336C-FX2	36 x 100G 1.2RU Switch	NX-OS		
Cisco Nexus 9364D-GX2	64 x 400G 2U Switch	NX-OS		
Aruba 8325-32C	32 x 100G 1U Switch			
NVIDIA SN4700	32 x 400G Switch (QSFP-DD)	Cumulus		
NVIDIA SN5400	*64 x 4000G Switch (QSFP-DD)*	*Cumulus*		
NVIDIA SN5600	64 x 800G Switch (OSFP)	Cumulus	Used to comply with NVIDIA NCP	
NVIDIA QM9700	*64 port x 400G (OSFP)*	*Cumulus*		*MQM9700 -NS2F*