

Qualification Vendor List												
Product Name	Code Name	Package	Stepping	L3 Cache	AMD CPU		Processor of Base Frequency (GHz)	Processor Boost Max Frequency (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types	Note
					# of Cores / Threads	TRX4						
AMD Ryzen™ Threadripper™ PRO 5955WX	Threadripper PRO	swR9X		256MB	54 / 128	2.7GHz	4.5GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 5975WX	Threadripper PRO	swR9X		128MB	32 / 64	3.6GHz	4.5GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 5955WX	Threadripper PRO	swR9X		128MB	34 / 68	3.8GHz	4.5GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 5955WX	Threadripper PRO	swR9X		64MB	16 / 32	4.0GHz	4.5GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 3945WX	ThreadRipper3	swR9X		64MB	12 / 24	4.0GHz	4.2GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 3955WX	ThreadRipper3	swR9X		64MB	16 / 32	3.9GHz	4.2GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 3975WX	ThreadRipper3	swR9X		128MB	32 / 64	3.5GHz	4.2GHz	280W	3200MHz			
AMD Ryzen™ Threadripper™ PRO 3965WX	ThreadRipper3	swR9X		256MB	64 / 128	2.7GHz	4.2GHz	280W	3200MHz			
Memory												
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note	
UDIMM												
KVR26N19S8/8	DDR4	Kingston	8GB		1Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
KVR26N19D8/16	DDR4	Kingston	16GB		2Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
AD4U2133W4G15-BHYM	DDR4	ADATA	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
AD4U2133W8G15-BHYM	DDR4	ADATA	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
75.B93G2.G000B.4GB.UINB	DDR4	Apacer	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
75.B10M.AF00B	DDR4	Apacer	4GB	SKhynix	1Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
T3C10M3.F100B.8GB.UINB	DDR4	Apacer	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
CT4G4DFS213.8FA1.4GB	DDR4	CRUCIAL	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
CT4G4DFD213.16FA1.8GB	DDR4	CRUCIAL	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
M4C0.4G53S.CRG	DDR4	INNODISK	4GB	Samsung	2Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
M4C0.8G53S.M2G	DDR4	INNODISK	8GB	Samsung	2Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
KVR21N15S8/4	DDR4	Kingston	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
KVR21N15D8/8	DDR4	Kingston	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
M391AT4G3DB-CFB	DDR4	SAMSUNG	4GB	Samsung	2Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
M391A2K48B-CFB	DDR4	SAMSUNG	8GB	Samsung	2Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
T5512M.H72V1H	DDR4	Transcend	4GB	Samsung	1Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
T5512M.H64V1H	DDR4	Transcend	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
T51GL.H64V1H	DDR4	Transcend	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
T51GL.H72V1H	DDR4	Transcend	8GB	Samsung	2Rx8	1.2v	PC4-17000(2133MHz)	ECC	15	288-pin		
3G4G493MC.210M.CALGF15T	DDR4	UMAX	4GB		1Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
3G4G493MC.210M.CNGF15T	DDR4	UMAX	8GB		2Rx8	1.2v	PC4-17000(2133MHz)	NonECC	19	288-pin		
CT4G4DFD213.16FA1.8GB	DDR4	CRUCIAL	8GB	Micron	2Rx8	1.2v	PC4-19200(2400MHz)	NonECC	17	288-pin		
M4C0.AG51MCSJ	DDR4	INNODISK	16GB	Samsung	2Rx8	1.2v	PC4-19200(2400MHz)	ECC	17	288-pin		
KVR24N17D8/8	DDR4	Kingston	8GB		2Rx8	1.2v	PC4-19200(2400MHz)	NonECC	17	288-pin		
KVR24N17D8/16	DDR4	Kingston	16GB		2Rx8	1.2v	PC4-19200(2400MHz)	NonECC	17	288-pin		
HMA81G17AFR8N-LH T0 AA 16A3	DDR4	SKhynix	8GB	SKhynix	1Rx8	1.2v	PC4-19200(2400MHz)	ECC	17	288-pin		
HMA81G17AFR8N-LH	DDR4	SKhynix	8GB	SKhynix	1Rx8	1.2v	PC4-19200(2400MHz)	ECC	17	288-pin		
HMA82G17AFR8N-LH	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	PC4-19200(2400MHz)	ECC	17	288-pin		
75.C1G5C.450B	DDR4	Apacer	8GB	Samsung	1Rx8	1.2v	PC4-21300(2666MHz)	ECC	19	288-pin		
75.D1G5C.4010B	DDR4	Apacer	16GB	Samsung	2Rx8	1.2v	PC4-21300(2666MHz)	ECC	19	288-pin		
CT16G4DFS266.8FB1	DDR4	CRUCIAL	8GB		1Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
CT16G4DFD266.16FB1	DDR4	CRUCIAL	16GB		2Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
CT32G4DFD266.16FB1	DDR4	CRUCIAL	32GB		2Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
KSM2E8S16ME	DDR4	Kingston	8GB	Micron	1Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
KVR26N19S8/8	DDR4	Kingston	8GB		1Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
KSM2E8S16ME	DDR4	Kingston	16GB		2Rx8	1.2v	PC4-21300(2666MHz)	ECC	19	288-pin		
KVR26N19D8/16	DDR4	Kingston	16GB		2Rx8	1.2v	PC4-21300(2666MHz)	NonECC	19	288-pin		
HMA81G17UR8N-VK T0 AC 1820	DDR4	SKhynix	8GB	SKhynix	1Rx8	1.2v	PC4-21300(2666MHz)	ECC	19	288-pin		
HMA82G17UR8N-VK T0 AC 1820	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	PC4-21300(2666MHz)	ECC	19	288-pin		
D32.27281S.001	DDR4	Apacer	16GB		2Rx8	1.2v	PC4-25600(3200MHz)	ECC	22	288-pin		
CT32G4DFS32A.C8FJ	DDR4	CRUCIAL	32GB	Micron	1Rx8	1.2v	PC4-25600(3200MHz)	NonECC	22	288-pin		
CT16G4DFD32A.M16FJ	DDR4	CRUCIAL	16GB	Micron-Rambus	2Rx8	1.2v	PC4-25600(3200MHz)	NonECC	22	288-pin		
M4C0.8G51L.CEM-D33	DDR4	INNODISK	8GB		1Rx8	1.2v	PC4-25600(3200MHz)	ECC	22	288-pin		
M4C0.BG52M.CEM-D33	DDR4	INNODISK	32GB		2Rx8	1.2v	PC4-25600(3200MHz)	ECC	22	288-pin		
KSM2E8S16ME	DDR4	Kingston	8GB		1Rx8	1.2v	PC4-25600(3200MHz)	ECC	22	288-pin		
KSM2E8S16ME	DDR4	Kingston	16GB		2Rx8	1.2v	PC4-25600(3200MHz)	ECC	22	288-pin		
M378A4G43A2-CWE	DDR4	SAMSUNG	32GB	Micron-IDT	2Rx8	1.2v	PC4-25600(3200MHz)	NonECC	22	288-pin		
HMA81G16UR8N-XN	DDR4	SKhynix	8GB		1Rx8	1.2v	PC4-25600(3200MHz)	NonECC	22	288-pin		
HMA82G16UR8N-XN	DDR4	SKhynix	16GB		2Rx8	1.2v	PC4-25600(3200MHz)	NonECC	22	288-pin		
RDIMM												
CT32G4RFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
CT32G4RFD4293.26FE2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
MTA38ASF4G72PZ.2G9E2JG	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
MTA38ASF4G72PZ.2G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
MTA38ASF4G72PZ.2G9E2VJ	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
HMA8GR7MUR4N-WM T4	DDR4	SKhynix	8GB	SKhynix-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin		
SM929M24C2D	DDR4	Kingston	32GB	SKhynix-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
ADR320716G22-BHYA	DDR4	ADATA	16GB	SKhynix-Montage	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin		
CT16G4RFD432A.3G2E1.001	DDR4	Crucial	16GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
KSM2R5916MER	DDR4	Kingston	16GB	Micron-Rambus	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin		
KSM2R5916MER	DDR4	Kingston	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF2G72PZ.3G2R1U1	DDR4	Micron	16GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF2G72PZ.3G2E1T1	DDR4	Micron	16GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF2G72PZ.3G2R1U3	DDR4	Micron	16GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF2G72PZ.3G2E1UK	DDR4	Micron	16GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2B2T1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1V1	DDR4	Micron	32GB	Micron	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2R1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1T1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1T1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U3	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA18ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin		
MTA38ASF4G72PZ.3G2E1U1	DDR4	Micron	32GB	Micron								

MZQL2318HCLS PMSA3 Series		U.2	Samsung	2.5"	SFF8639(NVMe)	3.94TB	PCIe Gen4 x4		
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note		
PCIe									
Samsung PM17250 MZPL312HAJQ PCIe Gen3 x8 3.2TB	PCIe	Samsung	PCI-E 3.0	PCIe(NVMe)	3.2TB	Gen3 x8			
S3DRPDX040701 P4500 Series PCIe Gen3 x4 4TB	PCIe	Intel	PCI-E 3.0	PCIe(NVMe)	4TB	Gen3 x4			
RAID Card									
Product Name	RAID-on-Chip Controller	Vendor	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rate	Note
GIGABYTE									
CRA3336	LSI SAS 3008	GIGABYTE	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
CRA4448	LSI SAS 3108	GIGABYTE	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
CRA4548	LSI SAS 3108	GIGABYTE	PCIe Gen3 x8	4	2 x Mini-SAS HD SFF-8643	4	1 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port	
CRA4648	LSI SAS 3108	GIGABYTE	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
GSA3548	LSI SAS 3008	GIGABYTE	PCIe Gen3 x8	-	-	8	2 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port	
GSA4648	LSI SAS 3008	GIGABYTE	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
LSI									
LSI SAS 9400-16i	SAS3416	LSI	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
MegaRAID 9560-16i	SAS3916 Tri-Mode RAID-on-Chip (ROC)	LSI	PCIe Gen4 x8	16	2 x SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
MegaRAID 9560-8 with Tri-mode	SAS3908 Tri-Mode RAID-on-Chip (ROC)	LSI	PCIe Gen4 x8	8	1 x SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
P411W-32P	PEX88048	LSI	PCIe Gen4 x16	8 x4, 16 x2, or 32 x1 NVMe SSD connect	4 x8 SlimSAS SFF-8654	-	-		
Microsemi									
HBA 1100-16i	PM8242	Microsemi	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
SmartHBA 2100-8	PM8222	Microsemi	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
SmartRAID 3154-16i	PM8236	Microsemi	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
SmartRAID 3154-8i	PM8204	Microsemi	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
LAN Card									
Product Name	Connector	Vendor	System Interface Type	# of Ports	Data Rate	Note			
Broadcom									
BCM57142M169C	SFP+	Broadcom	PCIe Gen3 x8	Dual	10Gb/s per port	BCM57412			
BCM57414M1422C	SFP28	Broadcom	PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414			
BCM57416M169C	RJ-45	Broadcom	PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 (P21DTP)			
GIGABYTE									
CLN4121	RJ-45	GIGABYTE	PCIe Gen3 x4	Single	10Gb/s per port	INTEL X550-AT			
CLN4222	RJ-45	GIGABYTE	PCIe Gen3 x4	Dual	10Gb/s per port	INTEL X550-AT2			
CLN4224	RJ-45	GIGABYTE	PCIe Gen3 x4	Quad	10Gb/s per port	INTEL X550-AT2 (10GbE/100GbE)			
CLN4312	RJ-45	GIGABYTE	PCIe Gen2 x4	Dual	10Gb/s per port	INTEL I350-AM2			
CLN4316	RJ-45	GIGABYTE	PCIe Gen2 x4	Quad	10Gb/s per port	INTEL I350-AM2 (10GbE/100GbE)			
CLN4751	QSFP+	GIGABYTE	PCIe Gen3 x8	Single	40Gb/s per port	INTEL XL710			
CLN4752	QSFP+	GIGABYTE	PCIe Gen3 x8	Dual	40Gb/s per port	INTEL XL710			
CLN4831	SFP+	GIGABYTE	PCIe Gen2 x8	Single	10Gb/s per port	INTEL 82599EN			
CLN4832	SFP+	GIGABYTE	PCIe Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES			
CLN4C42	SFP28	GIGABYTE	PCIe Gen3 x16	Dual	25Gb/s per port	Mellanox ConnectX-4 (10GbE/25GbE)			
CLN4C44	SFP28	GIGABYTE	PCIe Gen3 x16	Quad	25Gb/s per port	Mellanox ConnectX-4 (10GbE/25GbE)			
CLN4M32	SFP28	GIGABYTE	PCIe Gen3 x16	Dual	10Gb/s per port	Mellanox ConnectX-4 (10GbE/25GbE)			
CLN4M34	SFP28	GIGABYTE	PCIe Gen3 x16	Quad	10Gb/s per port	Mellanox ConnectX-4			
Intel									
Intel® Ethernet Converged Network Adapter X520-DA2	SFP+	Intel	PCIe Gen2 x8	Dual	10Gb/s per port	This card should be tested in DVT stage when onbox			
Intel® Ethernet Converged Network Adapter X550-12	RJ-45	Intel	PCIe Gen3 x4	Dual	10Gb/s per port				
Intel® Ethernet Converged Network Adapter X710-D4M4	SFP+	Intel	PCIe Gen3 x8	Quad	10Gb/s per port				
Intel® Ethernet Converged Network Adapter X710-14	RJ-45	Intel	PCIe Gen3 x8	Quad	10Gb/s per port				
Intel® Ethernet Converged Network Adapter XL710-QD	QSFP+	Intel	PCIe Gen3 x8	Dual	40Gb/s per port				
Intel® Ethernet Network Adapter E810-CQDA1	QSFP28	Intel	PCIe Gen4 x16	Single	100Gb/s per port				
Intel® Ethernet Network Adapter E810-XVDM4	SFP28	Intel	PCIe Gen4 x16	Quad	25Gb/s per port				
Intel® Ethernet Network Adapter X722-DA4	SFP+	Intel	PCIe Gen3 x8	Quad	10Gb/s per port				
Intel® Ethernet Network Adapter XXV710-DA2	SFP28	Intel	PCIe Gen3 x8	Dual	25Gb/s per port				
Mellanox									
MCX4121A-ACAT	SFP28	Mellanox	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN			
MCX455A-ECAT	QSFP28	Mellanox	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-4 VPI (InfiniBand)			
MCX496A-ECAT	QSFP28	Mellanox	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-4 VPI (InfiniBand)			
MCX512A-ACAT	SFP28	Mellanox	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-5 EN			
MCX515A-CCAT	QSFP28	Mellanox	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 EN			
MCX516A-BDAT	QSFP28	Mellanox	PCIe Gen4 x16	Dual	40Gb/s per port	Mellanox ConnectX-5 Ex EN			
MCX516A-CCAT	QSFP28	Mellanox	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 EN			
MCX516A-CDAT	QSFP28	Mellanox	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex EN			
MCX516A-GCAT	QSFP28	Mellanox	PCIe Gen3 x16	Dual	50Gb/s per port	Mellanox ConnectX-5 EN			
MCX555A-ECAT	QSFP28	Mellanox	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)			
MCX556A-ECAT	QSFP28	Mellanox	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)			
MCX556A-EDAT	QSFP28	Mellanox	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex VPI (InfiniBand)			
MCX813105A-VDAT	QSFP56	Mellanox	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 EN			
MCX823105AN-CDAT	QSFP56	Mellanox	PCIe Gen4 x16	Single	100Gb/s per port	ConnectX-6 Dx No Crypto, No Secure Boot			
MCX823105AN-CDAT	QSFP56	Mellanox	PCIe Gen4 x16	Dual	100Gb/s per port	ConnectX-6 Dx No Crypto, No Secure Boot			
MCX83102AN-ADAT	SFP28	Mellanox	PCIe Gen4 x8	Dual	25Gb/s per port	ConnectX-6 Dx without Crypto			
MCX83105A-ECAT	QSFP56	Mellanox	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)			
MCX83105A-HDAT	QSFP56	Mellanox	PCIe Gen4 x16	Single	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)			
MCX83105A-HDAT	QSFP56	Mellanox	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)			
Ologic									
QL41212HLCU-SP	SFP28	Ologic	PCIe Gen3 x8	Dual	25Gb/s per port				
QL45611HLCU	QSFP28	Ologic	PCIe Gen3 x16	Single	100Gb/s per port				
GLE3442-CU-CK	SFP+	Ologic	PCIe Gen3 x8	Dual	10Gb/s per port				
GLE3442-RJ-CK	RJ-45	Ologic	PCIe Gen3 x8	Dual	10Gb/s per port				
Graphics Card									
Product Name	Processor Cores	Memory Bandwidth (GB/sec)	VRAM	OpenGL	Microsoft DirectX	Graphics Card Power (W)	NVIDIA SLI / AMD CrossFire Ready	Note	
A8000 (Ampere)	10752	788 GB/s	48GB		NVIDIA Quadro (http://www.nvidia.com/object/quadro-desktop-gpus.html)	300 W			
PRO W8600		224 GB/s	8GB	4.6	AMD Radeon	12	130 W		
Don't write "Test Items" under this line!!!									