



Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
Intel Xeon Processor W-3225	Cascade Lake	QQVS	B-1	16.5 MB	8	3.7 GHz	4.3 GHz	160W	DDR4-2666	None	
Intel Xeon Processor W-3223	Cascade Lake	QRV7	B-1	16.5 MB	8	3.5 GHz	4 GHz	160W	DDR4-2666	None	
<b>CascadeLake refresh</b>											
Intel Xeon Processor Gold 6258R	CascadeLake refresh	SRGZF	B1	38.50MB	28	2.7GHz		205W	DDR4-2666	None	
Intel Xeon Processor Gold 6248R	CascadeLake refresh	SRGZG	B1	35.75MB	24	3.0 GHz		205W	DDR4-2666	None	
Intel Xeon Processor Gold 6246R	CascadeLake refresh	SRGZL	B1	35.75MB	16	3.4 GHz		205W	DDR4-2666	None	
Intel Xeon Processor Gold 6242R	CascadeLake refresh	SRGZJ	B1	35.75MB	20	3.1 GHz		205W	DDR4-2666	None	
Intel Xeon Processor Gold 6240R	CascadeLake refresh	SRGZ8	B1	35.75MB	24	2.4 GHz		165W	DDR4-2666	None	
Intel Xeon Processor Gold 6238R	CascadeLake refresh	SRGZ9	B1	38.50MB	28	2.2 GHz		165W	DDR4-2666	None	
Intel Xeon Processor Gold 6230R	CascadeLake refresh	SRGZA	B1	35.75MB	26	2.1GHz		150W	DDR4-2666	None	
Intel Xeon Processor Gold 6226R	CascadeLake refresh	SRGZC	B1	22MB	16	2.9 GHz		150W	DDR4-2666	None	
Intel Xeon Processor Gold 5220R	CascadeLake refresh	SRGZP	B1	35.75MB	24	2.2 GHz		150W	DDR4-2666	None	
Intel Xeon Processor Gold 5218R	CascadeLake refresh	SRGZ7	B1	27.50MB	20	2.1GHz		125W	DDR4-2666	None	
Intel Xeon Processor Gold 5215R	CascadeLake refresh	QSKW	L1	13.75MB	10	2.7 GHz		100W	DDR4-2666	None	
Intel Xeon Processor Silver 4215R	CascadeLake refresh	SRGZE	B1	11MB	8	3.2 GHz		130W	DDR4-2666	None	
Intel Xeon Processor Silver 4214R	CascadeLake refresh	QSKT	L1	16.5MB	12	2.4 GHz		100W	DDR4-2400	None	
Intel Xeon Processor Silver 4210R	CascadeLake refresh	QSL1	R1	13.75MB	10	2.4 GHz		100W	DDR4-2400	None	
Intel Xeon Processor Silver 4208R	CascadeLake refresh	QSL0	R1	11MB	8	2.2 GHz		100W	DDR4-2400	None	
Intel Xeon Processor Bronze 3206R	CascadeLake refresh	QSL2	R1	11MB	8	1.9 GHz		85W	DDR4-2133	None	
<b>Montage Jintide® Processor Scalable Family</b>											
Montage Jintide C08101	Jintide	SREUL	H0	11MB	8	2.1 GHz		85W	DDR4	None	
<b>Memory (Memory actually maximum frequency will follow memory controller's spec of CPU you used)</b>											
<b>RDIMM</b>											
CT8G4RFS8266.9FD1	DDR4	Crucial	8GB	Micron	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA9ASF1G72PZ-2G6D1QI	DDR4	Micron	8GB	Micron	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K43BB1-CTD6Q	DDR4	Samsung	16GB	Samsung	2R X8	1.2V	2666MHz	ECC Registered	19	288-pin	
M393A2K40CB2-CTD6Q	DDR4	Samsung	16GB	Samsung-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40BB2-CTD	DDR4	Samsung	16GB	Samsung	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A4K40BB2-CTD	DDR4	Samsung	32GB	Samsung	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A8K40B22-CWD6Q	DDR4	Samsung	64GB	Samsung	2S2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A8G40MB2-CTD7Q	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266-2G6H1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6H1QG	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266.18FD1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6D1	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFD8266.2GD61	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16G4RFS4266.18FD1	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PZ-2G6D1QI	DDR4	Micron	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32G4RFD4266.36FD1	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32G4RFD4266-2G6D1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32G4RFD4266-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6H1QG	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR4N-VKT3	DDR4	SKhynix	16GB	SKhynix-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR4N-VKTF	DDR4	SKhynix	16GB	SKhynix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR8N-VKT3	DDR4	SKhynix	16GB	SKhynix-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR8N-VKTF	DDR4	SKhynix	16GB	SKhynix-IDT	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA84GR7AFR4N-VKT3	DDR4	SKhynix	32GB	SKhynix-Montage	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RD4/32HAI	DDR4	Kingston	32GB	SKhynix-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RS4/16HAI	DDR4	Kingston	16GB	SKhynix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RS8/8HAI	DDR4	Kingston	8GB	SKhynix-IDT	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
TR416G26S419-VKA	DDR4	V-color	16GB	SKhynix-Inphi	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
TR432G26D419-VKA	DDR4	V-color	32GB	SKhynix-Inphi	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40CB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A2K43CB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A4K40CB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A8G40MB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT8G4RFS8293.9FE1	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT8G4RFS8293-2G9E1.001	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1VG	DDR4	Micron	8GB	Micron-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1UG	DDR4	Micron	8GB	Micron-Rambus	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1TI	DDR4	Micron	8GB	Micron-Montage	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16G4RFD8293.18FE1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16G4RFD8293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1UG	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1VG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16G4RFS4293.18FE1	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16G4RFS4293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PZ-2G9E1TK	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PZ-2G9E1VG	DDR4	Micron	16GB	Micron-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	

CT32G4RFD4293-2G9E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT32G4RFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ.2G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ.2G9E2VG	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ.2G9E2UG	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT64G4RFD4293-2G9B2.001	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF8G72PZ.2G9B2VI	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA81GR7CJR8N-WM TG	DDR4	SKhynix	8GB	SKhynix-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA82GR7CJR8N-WM T4	DDR4	SKhynix	16GB	SKhynix-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA84GR7CJR4N-WM TG	DDR4	SKhynix	32GB	SKhynix-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
HMAA3GR7MJR4N-WM T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
KSM29RD8/16MEI	DDR4	Kingston	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
KSM29RD4/32MEI	DDR4	Kingston	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
NT16GA72D8PBX3P-IX	DDR4	Nanya	16GB	Nanya-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
NT32GA72D4NBX3P-IX	DDR4	Nanya	32GB	Nanya-Montage or IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	

Storage (Use CBP10A1)

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	Note
SATA											
ST1000NX0313	SATA	Seagate	2.5"	512e	1TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB	7200	N/A	
ST2000NX0243	SATA	Seagate	2.5"	4Kn	2TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB	7200	N/A	
ST2000NX0253	SATA	Seagate	2.5"	512E	2TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB	7200	N/A	
ST10000NM0016	SATA	Seagate	3.5"	512e	10TB	6Gb/s	Exos X10 (Enterprise Capacity V.6)	256MB	7200	N/A	
ST14000NM0018	SATA	Seagate	3.5"	512e	14TB	6Gb/s	Exos X14 (Enterprise Capacity)	256MB	7200	N/A	
ST16000NM001G	SATA	Seagate	3.5"	512e/4Kn	16TB	6Gb/s	EXOS X16	256MB	7200	N/A	
WUS721010ALE6L4	SATA	WD	3.5"	512E	10TB	6Gb/s	Ultrastar® DC HC330	256MB	7200	N/A	
WUJ721818ALE6L4	SATA	WD	3.5"	512E	18TB	6Gb/s	Ultrastar DC HC550	512MB	7200	N/A	
SAS											
ST16000NM002G	SAS	Seagate	3.5"	512e/4Kn	16TB	12Gb/s	EXOS X16	256MB	7200	N/A	
HUJ721212AL5200	SAS	HGST / WD	3.5"	512e	12TB	12Gb/s	Ultrastar® DC HC520 (He12)	256MB	7200	N/A	
WUS721010AL5204	SAS	WD	3.5"	512e	10TB	12Gb/s	Ultrastar® DC HC330	256MB	7200	N/A	
WUJ721818AL5204	SAS	WD	3.5"	512e	18TB	12Gb/s	Ultrastar DC HC550	512MB	7200	N/A	
MG07SCA14TE	SAS	Toshiba	3.5"	512e	14TB	12Gb/s	Capacity	256MB	7200	N/A	
SATA SSD											
MTFDDAK1T9TDC-1AT1ZABYY (5200 ECO )	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s					
MTFDDAK1T9TDD-1AT1ZABYY (5200 PRO)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s					
MTFDDAK1T9TDN-1AT1ZABYY (5200 MAX)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s					
MZ-7LH119NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s					
SSDSC2K6019T8 D3-S4610 Series	SSD	Intel	2.5"	SATA	1.92TB	6Gb/s					
SSDSC2K8019T8 D3-S4510 Series	SSD	Intel	2.5"	SATA	1.92TB	6Gb/s					
XA960LE10063	SSD	Seagate	2.5"	SATA	960GB	6Gb/s					
XA480LE10063	SSD	Seagate	2.5"	SATA	480GB	6Gb/s					
SRE100-960G00210000	SSD	Phison	2.5"	SATA	960GB	6Gb/s					
SRE100-480G00210000	SSD	Phison	2.5"	SATA	480GB	6Gb/s					
SEDC500M3840G DC500M Series	SSD	Kingston	2.5"	SATA	3.84TB	6Gb/s					
SEDC500M1920G DC500M Series	SSD	Kingston	2.5"	SATA	1.92TB	6Gb/s					
SEDC500M960G DC500M Series	SSD	Kingston	2.5"	SATA	960GB	6Gb/s					
SEDC500M480G DC500M Series	SSD	Kingston	2.5"	SATA	480GB	6Gb/s					

PCIe SSD

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
PCIe SSD											
SSDPEDKX040T701 P4500 Series PCIe Gen3 x4 4TB	PCIe	Intel	PCI-E 3.0	PCIe(NVMe)	4TB	-					
Samsung PM1725a MZPLL1T6HEHP PCIe Gen3 x8 1.6TB	PCIe	Samsung	PCI-E 3.0	PCIe(NVMe)	1.6TB	-					
Netlist N1951 E3 NS1951AH3372 Gen3 x8 3.2TB	PCIe	Netlist	PCI-E 3.0	PCIe(NVMe)	3.2TB	-					

U.2 (Use CNV3024)

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
U.2 (VROC support)											
SSDPE2KE032T801 P4610 Series	U.2	Intel	2.5"	SFF8639(NVMe)	3.2TB	-					
SSDPE2KX020T801 P4510 Series	U.2	Intel	2.5"	SFF8639(NVMe)	2TB	-					
SSDPE7KX010T701 P4501 Series	U.2	Intel	2.5"	SFF8639(NVMe)	1TB	-					
U.2											
SSDPE2KE032T801 P4610 Series	U.2	Intel	2.5"	SFF8639(NVMe)	3.2TB	-					
SSDPE2KX020T801 P4510 Series	U.2	Intel	2.5"	SFF8639(NVMe)	2TB	-					
SSDPE7KX010T701 P4501 Series	U.2	Intel	2.5"	SFF8639(NVMe)	1TB	-					
MZVLL3T2HAJQ PM1725b Series	U.2	Samsung	2.5"	SFF8639(NVMe)	3.2TB	-					
MZVLL3T2HMJP PM1725a Series	U.2	Samsung	2.5"	SFF8639(NVMe)	3.2TB	-					
MZQLW1T9HMJP PM963 Series	U.2	Samsung	2.5"	SFF8639(NVMe)	1.92TB	-					
MZ-QLB1T9N 983 DCT Series	U.2	Samsung	2.5"	SFF8639(NVMe)	1.92TB	-					
MTFDHAL3T2TCU 9200 Series	U.2	Micron	2.5"	SFF8639(NVMe)	3.2TB	-					
NS1951UF13T8 Netlist N1951 D2 Series	U.2	Netlist	2.5"	SFF8639(NVMe)	3.84TB	-					
NS1551U711T9 Netlist N1551 D2 Series	U.2	Netlist	2.5"	SFF8639(NVMe)	1.92TB	-					
KCD51LUG980G CD5 Series	U.2	Toshiba	2.5"	SFF8639(NVMe)	960GB	-					
PS5012-E12	U.2	PHISON	2.5"	SFF8639(NVMe)	1.92TB	-					

M.2

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
M.2											
SSDPEKKA010T801 P4101 Series 1TB	M.2	Intel	2280	PCIe(NVMe)	1TB	-					
SSDPEKKA256G801 P4101 Series 256GB	M.2	Intel	2280	PCIe(NVMe)	256GB	-					
SSDPEKKA256G701 P3100 Series 256GB	M.2	Intel	2280	PCIe(NVMe)	256GB	-					
SSDPEKKA010T701 P3100 Series 1TB	M.2	Intel	2280	PCIe(NVMe)	1TB	-					
MZVPV128HDM9	M.2	Samsung	2280	PCIe(NVMe)	128GB	-					
MZVPV512HDGL	M.2	Samsung	2280	PCIe(NVMe)	512GB	-					

LAN Cards

Product Name	Connector	System Interface Type	# of Ports	System Interface Type	Data rate	Note					
GIGABYTE LAN Cards											
CLN4831	SFP+	PCIe x8 Gen2 x8	Single	10Gb/s per port	INTEL 82599EN						
CLN4832	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES						
CLN4522	RJ-45	PCIe x8 Gen2 x8	Dual	10Gb/s per port	INTEL X540						
CLN4751	QSFP+	PCIe x8 Gen3 x8	Single	40Gb/s per port	INTEL XL710						
CLN4752	QSFP+	PCIe x8 Gen3 x8	Dual	40Gb/s per port	INTEL XL710						
CLN4121	RJ-45	PCIe x8 Gen3 x4	Single	10Gb/s per port	INTEL X550-AT						
CLN4222	RJ-45	PCIe x8 Gen3 x4	Dual	10Gb/s per port	INTEL X550-AT2						
CLN4224	RJ-45	PCIe x8 Gen3 x4	Quad	10Gb/s per port	INTEL X550-AT2						
CLN4C42	SFP28	PCIe Gen3 x16	Dual	25Gb/s per port	Mellanox ConnectX-4						
CLN4C44	SFP28	PCIe Gen3 x16	Quad	25Gb/s per port	Mellanox ConnectX-4						
CLN4M34	SFP28	PCIe Gen3 x16	Quad	10Gb/s per port	Mellanox ConnectX-4						

CLN4312	RJ-45	PCIe x4 Gen2 x4	Dual	1Gb/s per port	INTEL I350-AM2				
CLN4314	RJ-45	PCIe x4 Gen2 x4	Quad	1Gb/s per port	INTEL I350-AM4				
GC-MNKE21	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port	Mellanox ConnectX-3				
GC-MLBZ1	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port	Broadcom BCM57810S				
				Intel 10GbE					
Intel® Ethernet Converged Network Adapter X550-T2	RJ-45	PCIe v3.0 (8.0 GT/s)	Dual	10Gb/s per port					
Intel® Ethernet Converged Network Adapter X710-T4	RJ-45	PCIe v3.0 (8.0 GT/s)	Quad	10Gb/s per port					
Intel® Ethernet Converged Network Adapter X710-DA4	SFP+	PCIe v3.0 (8.0 GT/s)	Quad	10Gb/s per port					
				Intel 25GbE					
Intel® Ethernet Network Adapter XXV710-DA2	SFP28	PCIe v3.0 (8.0 GT/s)	Dual	25Gb/s per port					
				Intel 40GbE					
Intel® Ethernet Converged Network Adapter XL710-QDA2	QSFP+	PCIe v3.0 (8.0 GT/s)	Dual	40Gb/s per port					
				Mellanox ConnectX					
MCX515A-CCAT	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 EN				
MCX516A-GCAT	QSFP28	PCIe Gen3 x16	Dual	50Gb/s per port	Mellanox ConnectX-5 EN				
MCX512A-ACAT	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-5 EN				
MCX4121A-ACAT	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN				
				Mellanox VPI Adapter Cards					
MCX555A-ECAT	QSFP28	PCIe 3.0 x16	Single	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)				
MCX556A-ECAT	QSFP28	PCIe 3.0 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)				
MCX456A-ECAT	QSFP28	PCIe 3.0 x16	Dual	100Gb/s per port	Mellanox ConnectX-4 VPI (InfiniBand)				
MCX455A-ECAT	QSFP28	PCIe 3.0 x16	Single	100Gb/s per port	Mellanox ConnectX-4 VPI (InfiniBand)				
MCB194A-FCAT	QSFP	PCIe 3.0	Dual	FDR IB (56Gb/s)					
MCX354A-FCBT	QSFP	PCIe 3.0	Dual	FDR and 40/56GbE					
				Qlogic LAN Adapters					
QL45611HLCU	QSFP28	PCIe x16 Gen3 x16	Single	100Gb/s per port					
QL45611HLCU-CK	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port					
QL45611HLCU-CK	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port					
QL45412HLCU-CK	QSFP+	PCIe x16 Gen3 x16	Dual	40Gb/s per port					
QL41212HLCU-SP	SFP28	PCIe x8 Gen3 x8	Dual	25Gb/s per port					
QL41132HLCU-SP	SFP28	PCIe x8 Gen3 x8	Dual	10Gb/s per port					
QL41112HLCU-SP	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port					
				Broadcom (Emulex) Ethernet Networking Adapters					
BCM957412A4120AC	SFP+	PCIe 3.0 x8	Dual	10Gb/s per port	BCM57412				
BCM957414A4142CC	SFP28	PCIe 3.0 x8	Dual	25Gb/s per port	BCM57414				
<b>RAID Cards</b>									
Model	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note	
GIGABYTE Storage Cards									
CRA3338	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	8	2 x Mini-SAS HD for 8x SAS	-	-	12Gb/s ports		
CSA3548	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	-	-	8	2 x external Mini-SAS HD SFF8644	12Gb/s ports		
CSA4648	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
CRA4548	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	4	1 x internal Mini-SAS HD SFF8643	4	1 x external Mini-SAS HD SFF8644	12Gb/s ports		
CRA4648	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
CRA4448	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
LSI RAID Controller Cards									
MegaRAID SAS 9380-8e	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	-	-	8	2 x Mini-SAS HD SFF8644	Up to 12Gb/s per port		
MegaRAID SAS 9271-8i	LSISAS2208 Dual-Core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 x Mini-SAS SFF8087 (side mount)	-	-	Up to 6Gb/s per port		
MegaRAID SAS 9381-8i	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 x HD Mini-SAS SFF8643 (Horizontal mount)	-	-	Up to 12Gb/s per port		
MegaRAID SAS 9460-8i	SAS3508 dual-core RAID-on-Chip (ROC)	x8 lane PCI Express® 3.1	8	2 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0		
MegaRAID SAS 9460-16i	SAS3516 dual-core RAID-on-Chip (ROC)	x8 lane PCI Express® 3.1	8	4 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0		
LSI Host Bus Adapters (HBAs)									
LSI SAS 9300-8e	SAS3008	x8 lane PCI Express® 3.0	-	-	8	2 x mini-SAS HD SFF8644	12Gb/s SAS 3.0		
LSI SAS 9300-8i	SAS3008	x8 lane PCI Express® 3.0	8	2 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0		
LSI SAS 9400-8i	SAS3408	x8 lane PCI Express® 3.1	8	2 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0		
LSI SAS 9400-16i	SAS3416	x8 lane PCI Express® 3.1	16	4 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0		
PMC RAID Cards (Adaptec)									
Adaptec ASR-81605ZQ	-	8-lane PCIe Gen3	16	4 x internal mini SAS HD (SFF-8643)	-	-	12Gb/s per port		
Microsemi RAID Cards									
SmartRAID 3154-8i	PM8204	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port		
SmartRAID 3154-16i	PM8236	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port		
Microsemi Host Bus Adapters									
SmartHBA 2100-8i	PM8222	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port		
HBA 1100-16i	PM8242	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port		
HBA 1100-24i	PM8238	8-Lane PCIe Gen3	24	6 x Internal, SFF-8643	-	-	12 Gb/s per port		