

"H230-R4C" Qualification Vender List Ver:1.0											
Intel CPU											
Product Name	Code Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types	Processor Graphics
Intel® Xeon® Processor E5-2600v3 series											
Intel® Xeon® Processor E5-2695v3 (35M Cache, 2.30 GHz)	Haswell-EP	Q GN4	C1	35 MB	9.6 GT/s	14	2.3 GHz	3.3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2690v3 (30M Cache, 2.60 GHz)	Haswell-EP	Q GNY	M1	30 MB	9.6 GT/s	12	2.6 GHz	3.5 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2683v3 (35M Cache, 2.00 GHz)	Haswell-EP	Q GN5	C1	35 MB	9.6 GT/s	14	2 GHz	3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2680v3 (30M Cache, 2.50 GHz)	Haswell-EP	Q GNZ	M1	30 MB	9.6 GT/s	12	2.5 GHz	3.3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2670v3 (30M Cache, 2.30 GHz)	Haswell-EP	Q GP2	M1	30 MB	9.6 GT/s	12	2.3 GHz	3.1 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2667v3 (20M Cache, 3.20 GHz)	Haswell-EP	Q GSQ	R2	20 MB	9.6 GT/s	8	3.2 GHz	3.6 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2660v3 (25M Cache, 2.60 GHz)	Haswell-EP	Q GP1	M1	25 MB	9.6 GT/s	10	2.6 GHz	3.3 GHz	105 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2650Lv3 (30M Cache, 1.80 GHz)	Haswell-EP	Q GPB	M1	30 MB	9.6 GT/s	12	1.8 GHz	2.5 GHz	65 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2650v3 (25M Cache, 2.30 GHz)	Haswell-EP	Q GPL	M1	25 MB	9.6 GT/s	10	2.3 GHz	3 GHz	105 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2643v3 (20M Cache, 3.40 GHz)	Haswell-EP	Q GSR	R2	20 MB	9.6 GT/s	6	3.4 GHz	3.7 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2640v3 (20M Cache, 2.60 GHz)	Haswell-EP	Q GSF	R2	20 MB	8 GT/s	8	2.6 GHz	3.4 GHz	90 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2637v3 (15M Cache, 3.50 GHz)	Haswell-EP	Q GSP	R2	15 MB	9.6 GT/s	4	3.5 GHz	3.7 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2630Lv3 (20M Cache, 1.80 GHz)	Haswell-EP	Q GST	R2	20 MB	8 GT/s	8	1.8 GHz	2.9 GHz	55 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2630v3 (20M Cache, 2.40 GHz)	Haswell-EP	Q GZX	R2	20 MB	8 GT/s	8	2.4 GHz	3.2 GHz	85 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2623v3 (10M Cache, 3.00 GHz)	Haswell-EP	Q GSS	R2	10 MB	8 GT/s	4	3 GHz	3.5 GHz	105 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2620v3 (15M Cache, 2.40 GHz)	Haswell-EP	Q GSH	R2	15 MB	8 GT/s	6	2.4 GHz	3.2 GHz	85 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2609v3 (15M Cache, 1.90 GHz)	Haswell-EP	Q GPN	M1	15 MB	6.4 GT/s	6	1.9 GHz	None	85 W	DDR4-1600	None
Intel® Xeon® Processor E5-2603v3 (15M Cache, 1.60 GHz)	Haswell-EP	Q GSK	R2	15 MB	6.4 GT/s	6	1.6 GHz	None	85 W	DDR4-1600	None
Intel® Xeon® Processor E5-2600v4 series											
Intel® Xeon® Processor E5-2603v4	Broadwell-EP	Q KEV	R0			6	1.7 GHz		85W		
Intel® Xeon® Processor E5-2608Lv4	Broadwell-EP	Q KF4	R0			8	1.6 GHz		50W		
Intel® Xeon® Processor E5-2609v4	Broadwell-EP	Q KEW	R0			8	1.7 GHz		85W		
Intel® Xeon® Processor E5-2618Lv4	Broadwell-EP	Q KF9	R0			10	2.2 GHz		75W		
Intel® Xeon® Processor E5-2620v4	Broadwell-EP	Q KES	R0			8	2.1 GHz		85W		
Intel® Xeon® Processor E5-2623v4	Broadwell-EP	Q KFD	R0			4	2.6 GHz		85W		
Intel® Xeon® Processor E5-2628Lv4	Broadwell-EP	Q K9B	M0			12	1.9 GHz		75W		
Intel® Xeon® Processor E5-2630Lv4	Broadwell-EP	Q KEX	R0			10	1.8 GHz		55W		
Intel® Xeon® Processor E5-2630v4	Broadwell-EP	Q KET	R0			10	2.2 GHz		85W		

Intel® Xeon® Processor E5-2637v4	Broadwell-EP	Q KEY	R0			4	3.5 GHz		135W	
Intel® Xeon® Processor E5-2640v4	Broadwell-EP	Q KEU	R0			10	2.4 GHz		90W	
Intel® Xeon® Processor E5-2643 v4	Broadwell-EP	Q KEZ	R0			6	3.4 GHz		135W	
Intel® Xeon® Processor E5-2648Lv4	Broadwell-EP	Q K9C	M0			14	1.8 GHz		75W	
Intel® Xeon® Processor E5-2650Lv4	Broadwell-EP	Q K93	M0			14	1.7 GHz		65W	
Intel® Xeon® Processor E5-2650v4	Broadwell-EP	Q K8Y	M0			12	2.2 GHz		105W	
Intel® Xeon® Processor E5-2658v4	Broadwell-EP	Q K9A	M0			14	2.3 GHz		105W	
Intel® Xeon® Processor E5-2660v4	Broadwell-EP	Q K8Z	M0			14	2.0 GHz		105W	
Intel® Xeon® Processor E5-2667 v4	Broadwell-EP	Q KF0	R0			8	3.2 GHz		135W	
Intel® Xeon® Processor E5-2680v4	Broadwell-EP	Q K92	M0			14	2.4 GHz		120W	
Intel® Xeon® Processor E5-2683v4	Broadwell-EP	Q K7K	B0			16	2.1 GHz		120W	
Intel® Xeon® Processor E5-2690v4	Broadwell-EP	Q K8X	M0			14	2.6 GHz		135W	
Intel® Xeon® Processor E5-2695v4	Broadwell-EP	Q K3E	B0			18	2.1 GHz		120W	
Intel® Xeon® Processor E5-2698v4	Broadwell-EP	Q K7M	B0			20	2.2 GHz		135W	

Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
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RDIMM

MTA9ASF51272PZ-2G1A2HG	DDR4	Micron	4GB	Micron	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT4G4RFS8213.9FA2	DDR4	CRUCIAL	4GB	Micron	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA18ASF1G72PDZ-2G1A1	DDR4	Micron	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT8G4RFD8213.18FA1	DDR4	CRUCIAL	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA36ASF2G72PZ-2G1A2IG	DDR4	Micron	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT16G4RFD4213.36FA2	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
PTD42133C1516GVS	DDR4	Panram	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A2G40DB0-CPB	DDR4	SAMSUNG	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
M4R0-AGSQGCRG	DDR4	INNODISK	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
TS2GHR72V1Z	DDR4	Transcend	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
75.DA3G0.G000B	DDR4	Apacer	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A1G40DB0-CPB	DDR4	SAMSUNG	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
M4R0-8GSQECRG	DDR4	INNODISK	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR21R15S4/8	DDR4	Kingston	8GB	SKhynix	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR21R15D4/16	DDR4	Kingston	16GB	SKhynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
T4C8R10S61159A	DDR4	TeamGroup	4GB			1.2v	2133MHz	ECC Registered	15	288-pin	
T4D6R10S62000	DDR4	TeamGroup	8GB	Samsung	1RX4	1.2v	2133MHz	ECC Registered	15	288-pin	

T4E1R10S62000	DDR4	TeamGroup	16GB	Samsung	2R X4	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA42GR7MFR4N-TF TD	DDR4	HYNIX	16GB	SKhynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA451R7MFR8N-TF	DDR4	SK Hynix	4GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A4K40BB0-CPB	DDR4	SAMSUNG	32GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA451R7MFR8N-TF	DDR4	SK Hynix	4GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT16G4RFD824A.18FA1	DDR4	Crucial	16GB	Micron	2R X8	1.2v	2133MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.36FA1	DDR4	Crucial	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFD824A.18FB1	DDR4	Crucial	16GB	Micron	2R X8	1.2v	2133MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT8G4RFS424A.18FB1	DDR4	Crucial	8GB	Micron	1RX4	1.2v	2133MHz	ECC Registered	17	288-pin	
CT16G4RFD424A.36FB1	DDR4	Crucial	16GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFS424A.18FB1	DDR4	Crucial	16GB	Micron	1RX4	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-AGS1BCSJ	DDR4	INNODISK	16GB	Samsung	2R X8	1.2V	2400MHz	ECC Registered	17	288-pin	
M4R0-AGS3ECSJ	DDR4	INNODISK	16GB	Samsung	1R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-BGS3GCSJ	DDR4	INNODISK	32GB	Samsung	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-8GSQECSJ	DDR4	INNODISK	8GB	Samsung	1R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT8G4RFS824A.2G3B1	DDR4	Crucial	8GB	Micron	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
MTA9ASF1G72PZ-2G3B1MG	DDR4	Micron	8GB	Micron-Monta	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
TR416G24S417	DDR4	V-color	16GB		1Rx4	1.2v	2400MHz	ECC Registered		288-pin	
TR432G24D417	DDR4	V-color	32GB		2Rx4	1.2v	2400MHz	ECC Registered		288-pin	
HMA84GR7AFR4N-UHTD	DDR4	SKhynix	32GB	SKhynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
J4BGRH2G4PGXC	DDR4	MBG-JBM	32GB	SKhynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.2G3B1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
MTA36ASF4G72PZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
M4R0-8GSSBCSJ	DDR4	Innodisk	8GB		2Rx8	1.2v	2400MHz	ECC Registered		288-pin	

Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
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LRDIMM											
HMAA8GL7AMR4N-UHTE	DDR4	SKhynix	64GB	SKhynix	4DRx4	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
M386A8K40BM1-CRC4Q M	DDR4	Samsung	64GB	Samsung	4DRx4	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
CT32G4LFD424A.2G3B1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
MTA36ASF4G72LZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
Seagate HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Seagate Enterprise Capacity 2.5 HDD											
ST9250610NS	SATA	Seagate	2.5"	N/A	250GB	6Gb/s	Constellation 2	64MB	7200	N/A	SN02
ST91000640NS	SATA	Seagate	2.5"	N/A	1TB	6Gb/s	Constellation 2	64MB	7200	N/A	
ST2000NX0253	SATA	Seagate	2.5"	512E	2TB	6Gb/s	V.3	128MB	7200	N/A	
ST2000NX0243	SATA	Seagate	2.5"	4KN	2TB	6Gb/s	V.3	128MB	7200	N/A	NN02
ST1000NX0313	SATA	Seagate	2.5"	512E	1TB	6Gb/s	V.3	128MB	7200	N/A	
ST1800MM0018	SAS	Seagate	2.5"	512E	1.8TB	12Gb/s	10K.8	128MB	10000	N/A	
Seagate Enterprise Capacity 3.5 HDD											
ST4000NM0023	SAS	Seagate	3.5"	512N	4TB	6Gb/s	ES.3	128MB	7200	N/A	
ST4000NM0033	SATA	Seagate	3.5"	512N	4TB	6Gb/s	ES.3	128MB	7200	N/A	
ST6000NM0014	SAS	Seagate	3.5"	4KN	6TB	12Gb/s	V.4	128MB	7200	N/A	
ST6000NM0034	SAS	Seagate	3.5"	512E	6TB	12Gb/s	V.4	128MB	7200	N/A	
Seagate Enterprise Performance 15K HDD (SAS HDD may need RAID Card support)											
WD HDD											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Datacenter											
WD4001FYYG-01SL3W0	SAS	WD	3.5"	N/A	4TB	6Gb/s	WD Re	32MB	7200	N/A	01SL3W0
WD4000FYYZ-01UL1B2	SATA	WD	3.5"	N/A	4TB	6Gb/s	WD Re	64MB	7200	N/A	
WD6001FSYZ	SATA	WD	3.5"	4KN	6TB	6Gb/s	WD Re	128MB	7200	N/A	
Workstation											
WD2500BHTZ-04JCPV0	SATA	WD	2.5"	N/A	250GB	6Gb/s	WD VelociRaptor	64MB	10K	N/A	04JCPV0
HGST HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Enterprise Hard Drives											
HUC101212CSS600	SAS	HGST	2.5"	N/A	1.2TB	6Gb/s	Ultrastar C10K1200	64MB	10K	N/A	A35A
HUC109090CSS600	SAS	HGST	2.5"	N/A	900GB	6Gb/s	Ultrastar C10K900	64MB	10K	N/A	A440
HUH728080ALE604	SATA	HGST	3.5"	512e	8TB	6Gb/s	Ultrastar He8	128MB	7200	N/A	514
HUS724040ALA640	SATA	HGST	3.5"	512N	4TB	6Gb/s	Ultrastar 7K4000	64MB	7200	N/A	8B0
HUS724040ALS640	SAS	HGST	3.5"	512N	4TB	6Gb/s	Ultrastar 7K4000	64MB	7200	N/A	A152
HUS726060ALE610	SATA	HGST	3.5"	512e	6TB	6Gb/s	Ultrastar 7K6000	128MB	7200	N/A	517
Toshiba HDD (SAS HDD may need RAID Card support)											

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
<b>Enterprise Hard Drives</b>											
<u>MG04ACA500E</u>	SATA	Toshiba	3.5"	N/A	5TB	6Gb/s	Enterprise Capacity	128MB	7200	N/A	FP3B
<u>AL13SXB60EE</u>	SAS	Toshiba	2.5"	N/A	600GB	12Gb/s	Performance	128MB	15000	N/A	O1O1
<u>AL14SEB18EQ</u>	SAS	Toshiba	2.5"	N/A	1.8TB	12Gb/s	Performance	128MB	15000	N/A	
<b>SSD</b>											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note			
<b>Hard drive</b>											
<u>SHSS37A/240G</u>	SSD	Kingston	SATA	2.5"	240GB	6Gb/s					
<u>XF1212-1A0512</u>	SSD	Seagate	SATA	2.5"	480GB						
<u>ASX1000LS7-240GM</u>	SSD	ADATA	SATA	2.5"	240GB	6Gb/s					
<u>SDLF1CRR-019T-1HA1</u>	SSD	SanDisk	2.5"	SATA	1.92TB	6Gb/s	ZR07				
<b>M.2</b>											
<u>PX-G128M6e-2280</u>	M.2	PLEXTOR	-	PCI-E	128GB	-					
<u>MZHPV256HDGL-00000</u>	M.2	Samsung	-	PCIe 3.0 x4	256GB						
<u>MZHPV512HDGL-00000</u>	M.2	Samsung	-	PCIe(AHCI)	512GB						
<u>MZVPV128HDGM-0000</u>	M.2	Samsung		PCIe(NVMe)	128GB						
<u>MZVPV512HDGL-0000</u>	M.2	Samsung		PCIe(NVMe)	512GB						
<b>Hard Drive SATA DOM</b>											
Product Name	Type	Vendor	Capacity	Flash Type	Max. Channels	FW	Max. Power Consumption	Note			
<u>DESSL-64GM41BC1SCB</u>	Vertical	INNODISK	64GB	MLC	1	0.734W (5V x 146.9mA)					
<u>DESSL-64GM41BCADCB</u>	Vertical	INNODISK	64GB	MLC	2	0.815W (5V x 163mA )					
<u>DESSH-64GM41BC1SCB</u>	Horizontal	INNODISK	64GB	MLC							
<b>RAID Cards</b>											
Model	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	FW	Note		
<b>GIGABYTE Storage Cards</b>											
<u>GC-MSLZ2</u>	LSI SAS 2008	PCIe- x8 Gen2 x8 bus	2	Mini-SAS for 8x SAS	-	-	6Gb/s ports				
<u>RA200-8</u>	LSI SAS 2308	PCIe- x8 Gen3 x8 bus	2	Mini-SAS for 8x SAS	-	-	6Gb/s ports				

<a href="#">RA201-A</a>	LSI SAS 2208	PCIe- x8 Gen3 x8 bus	2	Mini-SAS for 8x SAS	-	-	6Gb/s ports		
<a href="#">CRA3338</a>	LSI SAS 3208	PCIe- x8 Gen3 x8 bus	2	Mini-SAS for 8x SAS	-	-	12Gb/s ports		
<a href="#">GC-MSLZ2</a>	LSI SAS 2008	PCIe- x8 Gen2 x8 bus	2	Mini-SAS for 8x SAS	-	-	6Gb/s ports		
<a href="#">CRA4548</a>	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	1	*1 x internal Mini-SAS HD SFF8643	1	*1 x external Mini-SAS HD SFF8644	12Gb/s ports		
<a href="#">CRA4448</a>	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	2	*2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
<a href="#">CSA6548</a>	LSI SAS 3008	Mezzanine Gen3 x8 bus	-	-	2	*2 x external Mini-SAS HD SFF8644	12Gb/s ports		
<a href="#">CRA4448</a>	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
<a href="#">CRA4548</a>	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	1	1 x internal Mini-SAS HD SFF8643	1	*1 x external Mini-SAS HD SFF8644	12Gb/s ports		
<a href="#">CSA6648</a>	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	2	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports		
<a href="#">CSA3548</a>	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	-	-	8	2 x external Mini-SAS HD SFF8644	12Gb/s ports		
LSI RAID Controller Cards									
<a href="#">MegaRAID SAS 9341-8i</a>	LSISAS3008 PowerPC 476 controller @ 1.2 GHz	x8 lane PCI Express® 3.0	8	2 HD Mini- SAS SFF8643 (Horizontal mount)	-	-	Up to 12Gb/s per port		
<a href="#">MegaRAID SAS 9271-8i</a>	LSISAS2208 Dual- Core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 Mini-SAS SFF8087 (side mount)	-	-	Up to 6Gb/s per port		

MegaRAID SAS 9240-8i	LSISAS2008	x8 lane PCI Express® 2.0	8	2 Mini-SAS SFF8087 (vertical orientation)	-	-	Up to 6Gb/s per port		
MegaRAID SAS 9361-8i	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 HD Mini-SAS SFF8643 (Horizontal mount)	-	-	Up to 12Gb/s per port		
LSI Host Bus Adapters (HBAs)									
LSI SAS 9300-8e	LSI SAS3008	x8 lane PCI Express® 3.0	-	-	8	2 mini-SAS HD SFF8644	12Gb/s SAS 3.0 compliant		
<b>LAN Cards</b>									
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				
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				
CLN4312	RJ-45	PCIe x4 Gen2 x4	Dual	10Gb/s per port	INTEL I350-AM4				
CLN4314	RJ-45	PCIe x4 Gen2 x4	Quad	10Gb/s per port	INTEL I350-AM4				
GC-MNXE21	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				
GC-MNXE2	QSFP+	PCIe x8 Gen3 x8	Dual	56Gb/s per port	Mellanox ConnectX-3				
GC-MNXE20	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port	Mellanox ConnectX-3				
GC-MLIZS	SFP+	Mezzanine Gen2 x8	Dual	10Gb/s per port	INTEL 82599				
GC-MLIZ	RJ-45	Mezzanine Gen2 x8	Dual	10Gb/s per port	INTEL X540				
Intel_GbE									
Intel® Ethernet Server Adapter I350-T4	RJ-45	PCIe v2.1 (5.0GT/s)	Quad	1Gb/s per port					
Intel® PRO/1000 PT Dual Port Server Adapter	RJ-45	PCIe v1.0a (2.5GT/s)	Dual	1Gb/s per port					
Intel_10GbE									
Intel® Ethernet Converged Network Adapter X540-T1	RJ-45	PCIe 2.1 (5.0 GT/s)	Single	10Gb/s per port					
Intel® Ethernet Converged Network Adapter X520-DA2	SFP+	PCIe v2.0 (5.0GT/s)	Dual	10Gb/s per port					
Mellanox ConnectX®-3 VPI Adapter Cards									
MCX354A-FCBT	QSFP	PCIe 3.0	Dual	FDR and 40/56GbE					
Solarflare Onload Server Adapters									
SFN6122F	SFP+	5.0GT/s (Gen2)	Dual	10Gb/s per port					
Qlogic Fibre Channel Adapters									
QLE2562	Fibre Channel	PCIe x8 Gen2 x8	Dual	10/4/2 Gbps auto-negotiation					
Emulex Ethernet Networking Adapters									
OCe14101-NX	SFP+	PCIe 3.0 x8	Single	10Gb/s per port					
OCe14102-NX	SFP+	PCIe 3.0 x8	Dual	10Gb/s per port					
<b>Transceiver / AOC / DAC</b>									
Product Name / Product Number	Speed	Form Factor	Length	Connector	nominal	Note			
Transceiver									
Formerica TAS-A1NH1-P11	10Gb	SFP+	N/A	LC	850				
UMEC PDGSFPPTLNS01	10Gb/1Gb	SFP+	N/A	LC	850				

Direct Attach Copper (DAC)						
FCI 10110818-3030LF	10Gb	SFP+	3M	N/A	850	
FCI 10110818-3010LF	10Gb	SFP+	1M	N/A	850	
安富利 586710005	10Gb	SFP+	10M	N/A	850	
安富利 586710004	10Gb	SFP+	7M	N/A	850	
安富利 586710003	10Gb	SFP+	5M	N/A	850	
安富利 586710002	10Gb	SFP+	3M	N/A	850	
安富利 586710007	10Gb	SFP+	1M	N/A	850	
MOLEX 747524701	10Gb	SFP+	7M	N/A	850	
MOLEX 747524501	10Gb	SFP+	5M	N/A	850	
MOLEX 747521301	10Gb	SFP+	3M	N/A	850	
MOLEX 747521101	10Gb	SFP+	1M	N/A	850	
USB Device						
Product Name	Type	Vendor	Capacity	Note		
USB 3.0						
TOSHIBA CANVIO BASIC	HDD	Toshiba	500G			
EXTEK BYTECC-ME535U3	Blue-ray	Pioneer				
NU EBC113	Blue-ray	NU				
NU ESW863 8X SLIM	DVD	NU				
SILICON POWER BLAZE B10 16GB	Flash	SILICON	16G			
ADATA SUPERIOR S102 PRO 8GB	Flash	ADATA	8G			
S1-DS3 TURBO	Device	CyberSLIM				
NA317U+	Device	ineo				