

"H270-T71" Qualification Vender List Ver:2.0											
Memory											
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
RDIMM											
75.CA3G0.G000B	DDR4	Apacer	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT4G4RFS8213.9FA2	DDR4	CRUCIAL	4GB	Micron	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT8G4RFD8213.18FA1	DDR4	CRUCIAL	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT8G4RFS424A.18FB1	DDR4	CRUCIAL	8GB	Micron	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFD4213.36FA2	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT16G4RFD424A.36FB1	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFD824A.18FA1	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFS424A.18FB1	DDR4	CRUCIAL	16GB	Micron	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFD824A.18FB1	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT32G4RFD4213.36FA1	DDR4	CRUCIAL	32GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT32G4RFD424A.36FB1	DDR4	CRUCIAL	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-8GSQEC SJ	DDR4	INNODISK	8GB	Samsung	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-AGS3ECSJ	DDR4	INNODISK	16GB	Samsung	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-AGS1BCSJ	DDR4	INNODISK	16GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-BGS3GCSJ	DDR4	INNODISK	32GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
KVR21R15S4/8	DDR4	Kingston	8GB	SK hynix	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR24R17S4/16MA	DDR4	Kingston	16GB	Micron	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
KVR24R17S8/8MA	DDR4	Kingston	8GB	Micron	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA9ASF51272PZ-2G1A2HG	DDR4	Micron	4GB	Micron	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA18ASF1G72PDZ-2G1A1JG	DDR4	Micron	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA18ASF1G72PZ-2G3B1RK	DDR4	Micron	8GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA36ASF2G72PZ-2G1A2IG	DDR4	Micron	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA36ASF2G72PZ-2G3B1QK	DDR4	Micron	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA18ASF2G72PDZ-2G3A1IG	DDR4	Micron	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	

MTA18ASF2G72PZ-2G3B1IG	DDR4	Micron	16GB	Micron	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA18ASF2G72PDZ-2G3B1RG	DDR4	Micron	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA36ASF4G72PZ-2G1A1IG	DDR4	Micron	32GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA36ASF4G72PZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA18ASF2G72PDZ-2G3B1M1	DDR4	Micron	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA451R7MFR8N-TF	DDR4	SK Hynix	4GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA42GR7MFR4N-TF TD	DDR4	SK Hynix	16GB	SK hynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA81GR7AFR8N-UH	DDR4	SK Hynix	8GB	SK hynix	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA84GR7MFR4N-UH TD AA 1551(CPC7G)	DDR4	SK Hynix	32GB	SK hynix	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA82GR7AFR8N-UHTD	DDR4	SKhynix	16GB	SKhynix	2R X8	1.2v	2400MHz	ECC Registered		288-pin	
M393A1G40EB1-CRC	DDR4	Samsung	8GB	Samsung	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A2K40BB0-CPB	DDR4	Samsung	16GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A2K40BB1-CRC	DDR4	Samsung	16GB	Samsung	1R	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A2K43BB1-CRC0Q	DDR4	Samsung	16GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A4K40BB0-CPB	DDR4	Samsung	32GB	SKhynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A4K40BB1-CRC0Q	DDR4	Samsung	32GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A1G40DB0-CPB	DDR4	SAMSUNG	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
T4D6R10S62000	DDR4	TeamGroup	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
T4E1R10S62000	DDR4	TeamGroup	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
VP9MR2G7228JBJSB	DDR4	Viking	16GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
VP9MR4G7224JBJSB	DDR4	Viking	32GB	Samsung	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
KVR24E17D8/16MA	DDR4	Kingston	16GB		2Rx8	1.2v	2400MHz	ECC Unbuffer		288-pin	
CT8G4RFS824A-2G3B1	DDR4	Crucial	8GB	Micron	1Rx8	1.2v	2400MHz	ECC Registered	17	288-pin	same as above Micron DIMM
MTA9ASF1G72PZ-2G3B1MG	DDR4	Micron	8GB	Micron	1Rx8	1.2v	2400MHz	ECC Registered	17	288-pin	
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	
M4R0-8GSSBCSJ	DDR4	Innodisk	8GB		2Rx8	1.2v	2400MHz	ECC Registered		288-pin	
ECC UDIMM											
CT4G4WFS8213.9FA1	DDR4	Crucial	4GB	Micron	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	

CT8G4WFD8213.18FA1	DDR4	Crucial	8GB	Micron	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
CT8G4WFD824A.18FB1	DDR4	Crucial	8GB	Micron	2R	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
MTA18ASF1G72AZ-2G3B1Z1	DDR4	Micron	8GB	Micron	2R	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
M391A1G43DB0-CPB	DDR4	Samsung	8GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
M391A2K43BB1-CPB	DDR4	Samsung	16GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288Pin	
SSD											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note			
ASX1000LS3-100GM	SSD	ADATA	2.5"	SATA	100GB	6Gb/s	5.2.0				
ASR1010SS-480GM	SSD	ADATA	2.5"	SATA	480GB	6Gb/s	6.1.0				
ASX1000LS7-240GM	SSD	ADATA	2.5"	SATA	240GB	6Gb/s	5.8.2				
SDLF1CRR-019T-1HA1	SSD	SanDisk	2.5"	SATA	1.92TB	6Gb/s	ZR04				
Seagate HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
Seagate Enterprise Capacity 2.5 HDD											
ST9250610NS	SATA	Seagate	2.5"	512	250GB	6Gb/s	Constellation 2	64MB	7200	N/A	
ST91000640NS	SATA	Seagate	2.5"	512	1TB	6Gb/s	Constellation 2	64MB	7200	N/A	
<small>(Remark: Must disable SSC function first for use, please connect HDD vendor)</small>											
ST1000NX0313	SATA	Seagate	2.5"	512e	1TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A	
<small>(Remark: Must disable SSC function first for use, please connect HDD vendor)</small>											
ST2000NX0253	SATA	Seagate	2.5"	512e	2TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A	
<small>(Remark: Must disable SSC function first for use, please connect HDD vendor)</small>											
WD HDD											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
Workstation											
WD2500BHTZ-04JCPV0	SATA	WD	2.5"	512	250GB	6Gb/s	WD VelociRaptor	64MB	10K	N/A	
Transceiver / AOC / DAC											
Product Name / Product Number	Speed	Form Factor	Length	Connector type	nominal optical wavelength(nm)	Note					
Transceiver											
Formerica TQS-Q1LH9-2CA	40Gb	QSFP+	N/A	LC	850						
PCL A0000082	40Gb	QSFP	N/A	LC	850						
JDSU JQP-04SRAB1	40Gb	QSFP+	N/A	LC	850						
WAVESPLITTER WST-QSFP+SR4-C	40Gb	QSFP+	N/A	LC	850						
WAVESPLITTER WST-QSFP+eSR4-C	40Gb	QSFP+	N/A	LC	850						
Avago AFBR-79EIDZ	40/10Gb	QSFP+	N/A	LC	850						
Active Optical Cables (AOC)											
UMEC PDGQSQAC020MX	40Gb	QSFP+	20M	N/A	850						
WAVESPLITTER WST-QSFP+AOC-C16 40G Base AOC	40Gb	QSFP+	16M	N/A	850						
Direct Attach Copper (DAC)											
JPC P3001U201000-9	40Gb	QSFP	1M	N/A	850						
JPC P3001U203000-6	40Gb	QSFP	3M	N/A	850						
JPC P3001U407000-6	40Gb	QSFP	3M	N/A	850						
Mellanox MC2207130-001 passive copper cable	56G	QSFP	1M	N/A	850	for Mellanox IB card					
LAN Cards											

Product Name	Connector	Power consumption	FW	# of Ports	System Interface Type	Data rate	Note
GIGABYTE LAN Cards							
CLN4831	SFP+			Single	PCIe x8 Gen2 x8	10Gb/s per port	INTEL 82599EN
CLN4832	SFP+			Dual	PCIe x8 Gen2 x8	10Gb/s per port	INTEL 82599ES
CLN4522	RJ-45			Dual	PCIe x8 Gen2 x8	10Gb/s per port	INTEL X540
CLN4751	QSFP+			Single	PCIe x8 Gen3 x8	40Gb/s per port	INTEL XL710
CLN4752	QSFP+			Dual	PCIe x8 Gen3 x8	40Gb/s per port	INTEL XL710
CLN4312	RJ-45			Dual	PCIe x4 Gen2 x4	1Gb/s per port	INTEL I350-AM2
CLN4314	RJ-45			Quad	PCIe x4 Gen2 x4	1Gb/s per port	INTEL I350-AM4
GC-MNXE21	SFP+	-		Dual	PCIe x8 Gen3 x8	10Gb/s per port	Mellanox MT27518A1-FCCR-XE
GC-MNXE2	QSFP+	-		Dual	Mezzanine card Gen3 x8	40Gb/s per port	Mellanox® MT27508A1-FCCR-FV
GC-MLIZS	SFP+	-		Dual	Mezzanine card Gen2 x8	10Gb/s per port	Intel 82599
GC-MLIZ	RJ-45	-		Dual	Mezzanine card Gen2 x8	10Gb/s per port	Intel X540
GC-MLBZ1	SFP+	-		Dual	Mezzanine card Gen2 x8	10Gb/s per port	Broadcom BCM57810S
Intel_GbE							
Intel® Ethernet Server Adapter I350-T4	RJ-45	5 W		Quad	PCIe v2.1 (5.0GT/s)	1Gb/s per port	
Intel_10GbE							
Intel® Ethernet Converged Network Adapter X540-T2	RJ-45	-		Dual	PCIe 2.1 (5.0 GT/s)	10Gb/s per port	
Intel® Ethernet Converged Network Adapter X520-DA2	SFP+	8.6 W		Dual	PCIe v2.0 (5.0GT/s)	10Gb/s per port	
mellanox							
Mellanox ConnectX-3 FDR InfiniBand MCX354A-FCBT	QSFP+	-		Dual	PCIe x8 Gen3 x8	40Gb/s per port	