

"R270-T61" 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	
CT8G4RFS824A.2G3B1	DDR4	Crucial	8GB	Micron	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
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.36FA1	DDR4	CRUCIAL	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.36FB1	DDR4	CRUCIAL	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-8GSQECSJ	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	
MTA9ASF1G72PZ-2G3B1MG	DDR4	Micron	8GB	Micron-Montage	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
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	
MTA18ASF2G72PDZ-2G3A1IG	DDR4	Micron	16GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA36ASF2G72PZ-2G3B1QK	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-2G3A1IG	DDR4	Micron	32GB	Micron	2R	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA36ASF4G72PZ-2G3B1MG	DDR4	Micron	32GB	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 TD	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	
HMA84GR7AFR4N-UH	DDR4	SK Hynix	32GB	SK hynix	2R	1.2v	2400MHz	ECC Registered	17	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	
T4C8R10S61159A	DDR4	TeamGroup	4GB	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	
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	
KVR21E15S8/4HA	DDR4	Kingston	4GB	SK hynix	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
M4C0-8GSSMCRG	DDR4	INNODISK	8GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
M4C0-4GSSLCRG	DDR4	INNODISK	4GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
PED42133C158GVS	DDR4	Panram	8GB	SKhynix	2R	1.2v	2133MHz	ECC Unbuffer	15	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	
T4D4C10S61163	DDR4	TeamGroup	8GB	Samsung	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
TS512MLH72V1H	DDR4	Transcend	4GB	Samsung	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
TS1GLH72V1H	DDR4	Transcend	8GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
M393A1G40DB0-CPB	DDR4	Samsung	8GB	Samsung	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR24E17S8/8MA	DDR4	Kingston	8GB		1Rx8	1.2v	2400MHz	ECC Unbuffer		288-pin	
KVR24E17D8/16MA	DDR4	Kingston	16GB		2Rx8	1.2v	2400MHz	ECC Unbuffer		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	
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

**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											
ST1000NX0313 <small>(Remark: Must disable SSC function first for use, please connect HDD vender)</small>	SATA	Seagate	2.5"	512e	1TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A	
ST1000NX0353	SATA	Seagate	2.5"	512e	1TB	6Gb/s	Enterprise Capacity V.3	128MB	7200	N/A	

**WD HDD**

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
Workstation											
WD2500BHTZ-04JCPV0	SATA	WD	2.5"	512e	250GB	6Gb/s	WD VelociRaptor	64MB	10K	N/A	
WD6000BLHX-01V7BV0	SATA	WD	2.5"	512N	600GB	6Gb/s	WD VelociRaptor	32MB	10K	N/A	

**SSD**

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note
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Hard drive								
XF1212-1A0512	SSD	Seagate	2.5"	SATA	480GB	6 Gb/s	RL04	
SDLF1CRR-019T-1HA1	SSD	SanDisk	2.5"	SATA	1.92TB	6 Gb/s	ZR04	
Transceiver / AOC / DAC								
Product Name / Product Number	Speed	Form Factor	Length	Connector type	nominal optical wavelength(nm)			Note
Transceiver								
DELL FTLX8571D3BCL	10Gb	SFP+	N/A	LC	850			
Finisar FTLX8571D3BCL	10Gb	SFP+	N/A	LC	850			
Formerica TAS-A1NH1-P11	10Gb	SFP+	N/A	LC	850			
Formerica TAS-A1NH1-PAH	10Gb	SFP+	N/A	LC	850			
Avago AFBR-709DMZ	10Gb/1Gb	SFP+	N/A	LC	850			
DELL AFBR-79E4Z-D-FT1	40Gb	QSFP+	N/A	LC	850			
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)								
Avago AFBR-7CER03Z	10Gb	SFP+	3M	N/A	850			
Avago AFBR-7CER07Z	10Gb	SFP+	7M	N/A	850			
Formerica TAS-A1NH8-XAE03	10Gb	SFP+	3M	N/A	850			
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)								
AMPHENOL 586710005 rev:G	10Gb	SFP	10M	N/A	850			
FCI 10110818-3010LF	10Gb	SFP+	1M	N/A	850			
FCI 10110818-3030LF	10Gb	SFP+	3M	N/A	850			
FCI 10110818-4070HFLF	10Gb	SFP+	10M	N/A	850			
MOLEX 747524501	10Gb	SFP+	5M	N/A	850			
MOLEX 747524701	10Gb	SFP+	7M	N/A	850			
MOLEX 747529004	10Gb	SFP+	10M	N/A	850			
Mellanox MC2207128-003	40Gb	QSFP+	3M	N/A	850			
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	40Gb/s per port	INTEL i350-AM4
CLN4314	RJ-45			Quad	PCIe x4 Gen2 x4	40Gb/s per port	INTEL i350-AM4
GC-MNXE21	SFP+	-		Dual	PCIe x8 Gen3 x8	10Gb/s per port	
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-T1	RJ-45	-		Single	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	