

R271-200 Qualification Vendor List											
If you use the device below the orange block, please contact FAE.											
AMD CPU											
Product Name	Code Name	Package	Stepping	L3 Cache	# of Cores / Threads	Processor Base Freq (GHz)	All Cores Boost Max Freq (GHz)	Processor Boost Max Freq (GHz)	TDP	Memory Types	
AMD 780I P57601BDVHAF	Naples	SP3	B2	64MB	32 / 64	2.30	2.70	3.20 / 3	180W	DDR4-2666	
AMD 755I P57351BDVHAF	Naples	SP3	B2	64MB	32 / 64	2.30	2.55	3.00 / 3	180W	DDR4-2666	
AMD 745I P57451BDVHCAF	Naples	SP3	B2	64MB	24 / 48	2.30	3.20	3.20 / 3	180W	DDR4-2666	
AMD 735I P57351BEVGPAP	Naples	SP3	B2	64MB	16 / 32	2.40	2.90	3.20 / 2	155T / 155W	DDR4-2400/2666	
AMD 735I P57351BEVGPAP	Naples	SP3	B2	64MB	16 / 32	2.40	2.90	3.20 / 2	155T / 155W	DDR4-2400/2666	
AMD 750I P57601BEVHAF	Naples	SP3	B2	64MB	32 / 64	2.00	2.60	3.00 / 3	155T / 155W	DDR4-2400/2666	
AMD 740I P57401BEVHCAF	Naples	SP3	B2	64MB	24 / 48	2.00	2.80	3.00 / 3	155T / 155W	DDR4-2400/2666	
AMD 737I P57371BDVGPAP	Naples	SP4	B2	64MB	16 / 32	3.10	3.60	3.00 / 3	200W	DDR4-2666	
AMD 740I P57401BEVHCAF	Naples	SP3	B2	64MB	24 / 48	2.00	2.80	3.00 / 3	155T / 155W	DDR4-2400/2666	
AMD 726I P57261BEVBRAP	Naples	SP3	B2	64MB	8 / 16	2.50	2.90	3.00 / 3	155T / 155W	DDR4-2400/2666	
Memory											
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	
RDIMM											
M393A8G40M2-CTD7D	DDR4	Samsung	8GB	Samsung-1D1	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
TR41922S18-VKA	DDR4	V-color	16GB	Skyhrix-1rgh	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
TR4323GD18-VKA	DDR4	V-color	32GB	Skyhrix-1rgh	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40C2-CTD6Q	DDR4	Samsung	16GB	Samsung-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A8K40E2-CWD6Q	DDR4	Samsung	64GB	Samsung	252Rx4	1.2v	2666MHz	ECC Registered	17	288-pin	
GT16GARFD266-2G6E1.001	DDR4	CRUCIAL	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2Q72PZ-DZ-2G6E1QG	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-36FD1	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-2G6D1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6D1	DDR4	Micron	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-2G6D1	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA2GR7AFRAN-VK13	DDR4	Skyhrix	16GB	Skyhrix-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA2GR7AFRAN-VK13	DDR4	Skyhrix	16GB	Skyhrix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA2GR7AFRAN-VK13	DDR4	Skyhrix	32GB	Skyhrix-Montage	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA2GR7AFRAN-VK13	DDR4	Skyhrix	32GB	Skyhrix-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA2GR7AFRAN-VK13	DDR4	Skyhrix	64GB	Skyhrix	252Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
K5M2GR4C22H4	DDR4	Kingston	32GB	Skyhrix-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
K5M2GR4C22H4	DDR4	Kingston	64GB	Skyhrix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40C2-CTD6Q	DDR4	Samsung	16GB	Samsung-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A4K40C2-CTD7Q	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFD266-18F1	DDR4	CRUCIAL	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-2G6E1.001	DDR4	Crucial	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-36FE1	DDR4	Crucial	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6E1	DDR4	Micron	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFD266-18FD1	DDR4	Crucial	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFD266-2G6D1	DDR4	Crucial	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2Q72PZ-DZ-2G6D1	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFD4266-2G6E1.001	DDR4	Crucial	16GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF2Q72PZ-2G6E1	DDR4	Micron	36GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFS4266-18FD1	DDR4	Crucial	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2Q72PZ-2G6D1QI	DDR4	Micron	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT16GARFS4266-18FD1	DDR4	Crucial	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2Q72PZ-2G6D1QI	DDR4	Micron	16GB	Micron	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
GT32GARFD4266-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6H1QG	DDR4	Micron	36GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
LRDIMM											
HMA2GL7AMRAN-VK13	DDR4	Skyhrix	64GB	Skyhrix	4DR4	1.2v	2666MHz	ECC Registered	17	288-pin	
M393A8K40M2-CTD7Q	DDR4	Samsung	64GB	Samsung	4DR4	1.2v	2666MHz	ECC Registered	17	288-pin	
Seagate HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
ST2000NM0243	SATA	Seagate	2.5"	4Kc	3TB	6Gb/s	Exos 7E2008 (Enterprise Capacity V.3)	128MB	7200	N/A	
ST2000NM0403	SATA	Seagate	2.5"	512n	2TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB	7200	N/A	
Seagate Enterprise Capacity 3.5 HDD											
ST3000NM0005	SATA	Seagate	3.5"	512n	3TB	6Gb/s	Exos 7E8 (Enterprise Capacity V.5)	256MB	7200	N/A	
ST10000NM0016	SATA	Seagate	3.5"	512n	10TB	6Gb/s	Exos X10 (Enterprise Capacity V.6)	256MB	7200	N/A	
ST12000NM0007	SATA	Seagate	3.5"	512n	12TB	6Gb/s	Exos X12 (Enterprise Capacity V.71)	256MB	7200	N/A	
ST14000NM0018	SATA	Seagate	3.5"	512n	14TB	6Gb/s	Exos X14 (Enterprise Capacity)	256MB	7200	N/A	
WD HDD											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
WD0601FSYZ-01SS780	SATA	WD	3.5"	512n	6TB	6Gb/s	WD Red	128MB	7200	N/A	
HGST HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
HNR721212ALE8K	SATA	HGST	3.5"	512n	12TB	6Gb/s	Ultastar He Z	256MB	7200	N/A	
HNR522127AL654	SATA	HGST	3.5"	512n	6TB	6Gb/s	Ultastar He Z	128MB	7200	N/A	
Toshiba HDD (SAS HDD may need RAID Card support)											
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	
M393ACA600	SATA	Toshiba	3.5"	512n	6TB	6Gb/s	Canvio	128MB	7200	N/A	
M202ACA101E	SATA	Toshiba	3.5"	512n	10TB	6Gb/s	Canvio	256MB	7200	N/A	
M207ACA141E	SATA	Toshiba	3.5"	512n	14TB	6Gb/s	M207ACA	256MB	7200	N/A	
SATA/SAS SSD											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	PW	Note			
S25SD220B80002701 (Series DC S4300)	SSD	Inel	2.5"	SATA	960GB	6Gb/s					
MZ7KM1T9HNP-0005 (SM863s)	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s					
MZ7LH1T9NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s					
X99GLE10053	SSD	Seagate	2.5"	SATA	960GB	6Gb/s					
SM863LE10103	SSD	Seagate	2.5"	SATA	480GB	6Gb/s					
SRE100-96020210000	SSD	Phison	2.5"	SATA	960GB	6Gb/s					
SRE100-48020210000	SSD	Phison	2.5"	SATA	480GB	6Gb/s					
PCIe SSD											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
S25PD000A007701 P4500 Series PCIe Gen3 x4 4TB	PCIe	Inel	PCI-E 3.0	PCIe(NVMe)	4TB						
Samsung PM1725a MZPLL1159HEHP PCIe Gen3 x8 1.6TB	PCIe	Samsung	PCI-E 3.0	PCIe(NVMe)	1.6TB						
Netlist N1951 E3 N51951A03T2 Gen3 x8 3.2TB	PCIe	Netlist	PCI-E 3.0	PCIe(NVMe)	3.2TB						
M.2											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
S25PEK010T901 P4511 Series 1TB	M.2	Inel	2210	PCIe(NVMe)	1TB						
S25PEK010T901 P4101 Series 1TB	M.2	Inel	2280	PCIe(NVMe)	1TB						
S25PEK0256G801 P4101 Series 256GB	M.2	Inel	2280	PCIe(NVMe)	256GB						
S25PEK0256G701 P3100 Series 256GB	M.2	Inel	2280	PCIe(NVMe)	256GB						
S25PEK010T901 P4101 Series 1TB	M.2	ATP	2280	PCIe(NVMe)	1TB						
S25PEK010T901 P3100 Series 1TB	M.2	Inel	2280	PCIe(NVMe)	1TB						
Techman M.2-22110 PV100CSB 480GB	M.2	Techman	22110	PCIe(NVMe)	480GB						
MZVPV512B1DGM	M.2	Samsung	2280	PCIe(NVMe)	128GB						
MZVPV512B1DGL	M.2	Samsung	2280	PCIe(NVMe)	512GB						
MZ1-LB96N 963 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	960GB						
MZ1-LB179N 963 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB						
EPX-KW60 EPX Series	M.2	LITE-ON	22110	PCIe(NVMe)	960GB						
M.2 Expansion PCIe Card											
Product Name	Type	Vendor	Form Factor	Interface	Max. Channels	Interface Speed	Note				
CMT4032	PCIe	Gigabyte	22110	PCIe(NVMe)	2	Gen3 x 8us					
CMT4034	PCIe	Gigabyte	22110	PCIe(NVMe)	4	Gen3 x 16bus					
RAID Cards											
Model	RAID on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note			
CRA3338	LSI SAS 3008	PCIe-x8 Gen3 x8 bus	8	2 x Mini-SAS HD for 8x SAS			12Gbps ports				
CSA3548	LSI SAS 3008	PCIe-x8 Gen3 x8 bus	8	2 x Mini-SAS HD for 8x SAS	8	2 x external Mini-SAS HD SFF8644	12Gbps 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	12Gbps ports				
CRA4448	LSI SAS 3108	PCIe-x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643			12Gbps ports				
				LSI RAID Controller Cards							
MegaRAID SAS 9300-8e	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express@ 3.0			8	2 x Mini-SAS HD SFF8644	Up to 12Gbps per port				
MegaRAID SAS 9341-8i	LSISAS3008 PowerPC 476 controller @ 1.2 GHz	x8 lane PCI Express@ 3.0			8	2 x HD Mini-SAS SFF8643 (Horizontal mount)	Up to 12Gbps per port				

Product Name	Connector	System Interface Type	# of Ports	System Interface Type	Data rate	Note
<b>LAN Cards</b>						
GIGABYTE LAN Cards						
GLN4314	RJ-45	PCIe x4 Gen2 x4	Quad	10Gb/s per port		INTEL QS5-AM4
GLN4121	RJ-45	PCIe x4 Gen3 x4	Single	10Gb/s per port		INTEL X550-AT
GLN4222	RJ-45	PCIe x8 Gen2 x4	Dual	10Gb/s per port		INTEL X550-A12
GLN4831	SFP+	PCIe x8 Gen2 x8	Single	10Gb/s per port		INTEL 82596EN
GLN4832	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port		INTEL 82596ES
GC-MNXE21	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port		Mellanox ConnectX-3
GC-MLB21	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port		Broadcom BCM57810S
GLN4151	SFP+	PCIe x8 Gen3 x8	Single	40Gb/s per port		INTEL XL710
GLN4224	RJ-45	PCIe x8 Gen3 x4	Quad	10Gb/s per port		INTEL X550-A12
Intel 10GbE						
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 X550-T2	RJ-45	PCIe v3.0 (8.0 GT/s)	Dual	10Gb/s per port		
Oligic LAN Adapters						
GLE4442-RJ-CK	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port		
GL4112H-LRJ	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port		
<b>USB Device</b>						
USB 3.0						
Product Name	Type	Vendor	Capacity	Note		
BURR CLASSIC X17681FWB075	HDD	Gigabyte	2000			
GoFlex STAA500202	HDD	Seagate	5000			
MA317U	Device	itec				
SST 7S12	Device	Silver Stone				
SI1253-Plus	Device	CyberLink				
WB9811U2-1S	Device	ICYDOCK				
310-SB586G	Device	STARDDOM				