

"H261-Z61" Qualification Vender 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 BoostMax Freq (GHz)	Processor BoostMax Freq (GHz)	TDP	Memory Types
AMD 7601 PS7601BDVIHAF	Naples	SP3	B2	64MB	32 / 64	2.20	2.70	3.20 / 3	180W	DDR4-2666
AMD 7551 PS7551BDVIHAF	Naples	SP3	B2	64MB	32 / 64	2.00	2.55	3.00 / 3	180W	DDR4-2666
AMD 7451 PS7451BDVHCAF	Naples	SP3	B2	64MB	24 / 48	2.30	3.20	3.20 / 3	180W	DDR4-2666
AMD 7351 PS7351BEVGPAP	Naples	SP3	B2	64MB	16 / 32	2.40	2.90	2.90 / 2	155/170W	DDR4-2400/2666
AMD 7501 PS7501BEVIHAF	Naples	SP3	B2	64MB	32 / 64	2.00	2.60	3.00 / 3	155/170W	DDR4-2400/2666
AMD 7401 PS7401BEVHCAF	Naples	SP3	B2	64MB	24 / 48	2.00	2.80	3.00 / 3	155/170W	DDR4-2400/2666
AMD 7301 PS7301BEVGPAP	Naples	SP3	B2	64MB	16 / 32	2.20	2.70	2.70 / 2	155/170W	DDR4-2400/2666
AMD 7251 PS7251BFV8SAF	Naples	SP3	B2	32MB	8 / 16	2.00	2.90	2.90 / 2	120W	DDR4-2400
AMD 7261 PS7261BEFV8RAF	Naples	SP3	B2	64MB	8 / 16	2.50	2.90	2.90	155/170W	DDR4-2400/2666
AMD 7371 PS7371BDVGPAP	Naples	SP4	B2	64MB	16 / 32	3.10	3.60	3.80 /	200W	DDR4-2666

Memory										
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins
RDIMM										
M393A8G40MB2-CTD7Q	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	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
M393A4K40CB2-CTD7Q	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	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
M393A8K40B22-CWD6Q	DDR4	Samsung	64GB	Samsung	2S2Rx4	1.2v	2666MHz	ECC Registered	17	288-pin
CT16G4RFD8266-2G6E1.001	DDR4	CRUCIAL	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF2G72PDZ-2G6E1QG	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT16G4RFD8266.18FE1	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF2G72PDZ-2G6E1SG	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT8G4RFD8266.18FE1	DDR4	Crucial	8GB	Micron	2R8	1.2	2666MHz	ECC Registered	19	288-pin
CT8G4RFD8266-2G6E1	DDR4	Crucial	8GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF1G72PDZ-2G6E1RG	DDR4	Crucial	8GB	Micron	2R8	1.2	2666MHz	ECC Registered	19	288-pin
CT16G4RFD8266-2G6H1	DDR4	CRUCIAL	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
CT16G4RFD8266.2G6D1	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
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
MTA36ASF4G72PZ-2G6D1	DDR4	Micron	32GB	Micron	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
CT32G4RFD4266-2G6D1	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	Micron	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF2G72PDZ-2G6H1QG	DDR4	Micron	16GB	Micron	2Rx8	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-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT16G4RFD4266-2G6E1.001	DDR4	Crucial	16GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
MTA36ASF2G72PZ-2G6E1	DDR4	Micron	16GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4266-2G6E1.001	DDR4	Crucial	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4266.36FE1	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
HMA84GR7AFR4N-VKT3	DDR4	SKhynix	32GB	Skhynix-Montage	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
HMA84GR7AFR4N-VKTF	DDR4	SKhynix	32GB	Skhynix-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
HMAA8GR7A2R4N-VNT3	DDR4	SKhynix	64GB	SKhynix	2S2Rx4	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

LRDIMM										
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	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
ST2000NX0403	SATA	Seagate	2.5"	512n		2TB	6Gb/s	Exos 7E2000(Enterprise Capacity V.3)	128MB	7200	N/A
<b>SATA/SAS SSD</b>											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note			
SATA/SAS SSD											
SSDSC2KB960G701 (Series DC S4500)	SSD	Intel	2.5"	SATA	960GB	6Gb/s					
SSDSC2KG019T701 (Series DC S4600)	SSD	Intel	2.5"	SATA	1.92TB	6Gb/s					
MZ7KM1T9HMP-0005 (SM863a)	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s					
Micron 5100 MTFDDAK960TBY-1AR1ZABYY	SSD	Micron	2.5"	SATA	960GB	6Gb/s					
SRE100-960G00210000	SSD	Phison	2.5"	SATA	960GB	6Gb/s					
SRE100-480G00210000	SSD	Phison	2.5"	SATA	480GB	6Gb/s					
MZ-7LH1T9NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s	HXT7404Q				
XA960LE10063	SSD	Seagate	2.5"	SATA	960GB	6Gb/s					
XA480LE10103	SSD	Seagate	2.5"	SATA	480GB	6Gb/s					
<b>PCIe SSD</b>											
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	-				
Techman XC100C5C-1600 1600GB	PCIe	Techman		PCI-E 3.0	PCIe(NVMe)	1.6TB	-				
Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB	PCIe	Netlist		PCI-E 3.0	PCIe(NVMe)	3.2TB	-				
<b>U.2</b>											
Product Name	Type	Vendor	Form Factor	Interface	Max. Channels	Interface Speed	Note				
U.2 (VROC support)											
SSDPE2KE032T701 P4600 Series	U.2	Intel	2.5"	SFF8639(NVMe)		3.2TB	-				
SSDPE2KX010T701 P4500 Series	U.2	Intel	2.5"	SFF8639(NVMe)		1TB	-				
U.2											
XC100E55	U.2	Techman	2.5"	SFF8639(NVMe)		1.6TB	-				
KCD51LUG960G CD5 Series	U.2	Toshiba	2.5"	SFF8639(NVMe)		960GB	-				
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	-				
MZ-QLB1T9N 983 DCT Series	U.2	Samsung	2.5"	SFF8639(NVMe)		1.92TB	-				
<b>M.2 PCIe Card</b>											
Product Name	Type	Vendor	Form Factor	Interface	Max. Channels	Interface Speed	Note				
CMT4032	PCIe	Gigabyte	22110	PCIe(NVMe)		2	Gen3 x 8bus				
CMT4034	PCIe	Gigabyte	22110	PCIe(NVMe)		4	Gen3 x 16bus				
<b>M.2 ( Option cards CMTP01L/CMTP01R )</b>											
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note				
SSDPEKKA010T701 P3100 Series 1TB	M.2	Intel	2280	PCIe(NVMe)		1TB					
SSDPEKKA256G801 P4101 Series 256GB	M.2	Intel	2280	PCIe(NVMe)		256GB					
SSDPELX010T801 P4511 Series 1TB	M.2	Intel	22110	PCIe(NVMe)		1TB					
SSDPEKKA010T801 P4101 Series 1TB	M.2	Intel	2280	PCIe(NVMe)		1TB					
Techman M.2-22110 PV100C5B 480GB	M.2	Techman	22110	PCIe(NVMe)		480GB					
Techman M.2-2280 PV100D5N 480GB	M.2	Techman	2280	PCIe(NVMe)		480GB					
MZVPV512HDGL	M.2	Samsung	2280	PCIe(NVMe)		512GB					
AF1TSMJA-YT1 ATP N600c Series 1TB	M.2	ATP	2280	PCIe(NVMe)		1TB					
MZ-1LB960N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)		960GB					
MZ-1LB1T9N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)		1.92TB					
EPX-KW960 EPX Series	M.2	LITE-ON	22110	PCIe(NVMe)		960GB					
<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				
CRA4448	LSI SAS 3108	PCIe- x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports				
CSA3548	LSI SAS 3008	PCIe- x8 Gen3 x8 bus	-	-	8	2 x external Mini-SAS HD SFF8644	12Gb/s ports				

CRAO438	LSI SAS 3108	OCP PCIe- x8 Gen3 x8 bus	8	2 x SlimSAS ports	-	-	12Gb/s ports	
CRAO338	LSI SAS 3008	OCP PCIe- x8 Gen3 x8 bus	8	2 x SlimSAS ports	-	-	12Gb/s ports	
CRAO358	LSI SAS 3008	OCP PCIe- x8 Gen3 x8 bus	4	1 x internal SlimSAS port	1	1 x OCuLink port	12Gb/s ports	
CRAO558	LSI SAS 3108	OCP PCIe- x8 Gen3 x8 bus	4	1 x internal SlimSAS port	1	1 x OCuLink port	12Gb/s ports	
LSI RAID Controller Cards								
MegaRAID SAS 9341-8i	LSISAS3008 PowerPC 476 controller @ 1.2 GHz	x8 lane PCI Express® 3.0	8	2 x HD Mini-SAS SFF-8643 (Horizontal mount)	-	-	Up to 12Gb/s per port	
MegaRAID SAS 9361-8i	LSISAS3108 dual core RAID on Chip (ROC)	x8 lane PCI Express® 3.0	8	2 x HD Mini-SAS SFF-8643 (Horizontal mount)	-	-	Up to 12Gb/s per port	
MegaRAID SAS 9440-8i	SAS3408 I/O controller (IOC)	x8 lane PCI Express® 3.1	8	2 x Mini-SAS HD SFF-8643	-	-	12Gb/s SAS 3.0	
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 9300-8i	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	
Microsemi RAID Cards								
SmartRAID 3154-8i	SmartROC 3100	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port	
SmartRAID 3154-16i	SmartROC 3100	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port	
Microsemi Host Bus Adapters								
SmartHBA 2100-8i	12 Gbps IOC	8-Lane PCIe Gen3	8	2 x Internal, SFF-8643	-	-	12 Gb/s per port	
HBA 1100-16i	12 Gbps IOC	8-Lane PCIe Gen3	16	4 x Internal, SFF-8643	-	-	12 Gb/s per port	

**LAN Cards**

Product Name	Connector	System Interface Type	# of Ports	System Interface Type	Data rate	Note
GIGABYTE LAN Cards						
CLN0832	SFP+	OCP PCIe x8 Gen2 x8	Dual	10Gb/s per port		INTEL 82599ES
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
CLN4121	RJ-45	PCIe x8 Gen3 x4	Single	10Gb/s per port		INTEL X550-AT
CLN4224	RJ-45	PCIe x8 Gen3 x4	Quad	10Gb/s per port		INTEL X550-AT2
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-MLBZ1	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port		Broadcom BCM57810S
CLN4C42	SFP28	PCIe Gen3 x16	Dual	25Gb/s per port		Mellanox ConnectX-4
CLN4222	RJ-45	PCIe x4 Gen3 x4	Dual	10Gb/s per port		
GC-MNXE21	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port		Mellanox ConnectX-3
Intel_10GbE						
Intel® Ethernet Converged Network Adapter X550-T2	RJ-45	PCIe v3.0 (8.0 GT/s)	Dual	10Gb/s per port		
Intel_25GbE						
Intel® Ethernet Network Adapter XXV710-DA1 for OCP	SFP28	OCP PCIe v3.0 (8.0 GT/s)	Single	25Gb/s per port		Support OCP 2.0 type1
Intel® Ethernet Network Adapter XXV710-DA2 for OCP	SFP28	OCP PCIe v3.0 (8.0 GT/s)	Dual	25Gb/s per port		
Solarflare Onload Server Adapters						
SFN8522-PLUS	QSFP+	PCIe 3.1 x8	Dual	10Gb/s per port		
SFN8522-ScalOut Onload	QSFP+	PCIe 3.1 x8	Dual	10Gb/s per port		
Qlogic LAN Adapters						
OLE3442-CU-CK	SFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port		
OLE3442-RJ-CK	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port		
QL41132HLCU-SP	SFP28	PCIe x8 Gen3 x8	Dual	10Gb/s per port		
Broadcom (Emulex) Ethernet Networking Adapters						
BCM957414A4142CC	SFP28	PCIe 3.0 x8	Dual	25Gb/s per port		BCM57414
BCM957414M4142C	SFP28	OCP PCIe 3.0 x8	Dual	25Gb/s per port		BCM57414 / Support OCP 2.0 type1

**Transceiver / AOC / DAC**

Product Name / Product Number	Speed	Form Factor	Length	Connector type	nominal optical wavelength(nm)	Note
Active Optical Cables (AOC)						
CENTERA C01025SFZX003	25Gb/10Gb	SFP28	3M	N/A	850	
CENTERA C01025SFZX005	25Gb/10Gb	SFP28	5M	N/A	850	
CENTERA C01025SFZX010	25Gb/10Gb	SFP28	10M	N/A	850	
CENTERA C01025SFZX015	25Gb/10Gb	SFP28	15M	N/A	850	
CENTERA C01025SFZX020	25Gb/10Gb	SFP28	20M	N/A	850	
CENTERA C01025SFZX030	25Gb/10Gb	SFP28	30M	N/A	850	
CENTERA C01025SFZX040	25Gb/10Gb	SFP28	40M	N/A	850	
CENTERA C01025SFZX050	25Gb/10Gb	SFP28	50M	N/A	850	
CENTERA C01025SFZX060	25Gb/10Gb	SFP28	60M	N/A	850	
CENTERA C01025SFZX070	25Gb/10Gb	SFP28	70M	N/A	850	
CENTERA C01025SFZX080	25Gb/10Gb	SFP28	80M	N/A	850	
CENTERA C01025SFZX090	25Gb/10Gb	SFP28	90M	N/A	850	
CENTERA C01025SFZX100	25Gb/10Gb	SFP28	100M	N/A	850	