

C5. Qualification Vender List

Attention! (1) You must enable BIOS runtime error to monitor correctable and uncorrectable issue during test
 (2) Memory QVL test -> You must to Disable Memory POR (means not follow POR) of BIOS setting to keep maximum frequency of memory speed to test memory

Please contact FAE support for below orange blocks

Intel CPU										
Product Name	Code Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types
Skylake-Intel® Xeon® W Processor										
Intel(R) Xeon(R) W-2102	Skylake-W	QMW2	U-0	6.25MB		4	2.90GHz	None	120W	DDR4-2400
Intel(R) Xeon(R) W-2104	Skylake-W	QMW1	U-0	8.25MB		4	3.20GHz	None	120W	DDR4-2400
Intel(R) Xeon(R) W-2123	Skylake-W	QMW0	U-0	8.25MB		4	3.60GHz	3.9GHz	120W	DDR4-2666
Intel(R) Xeon(R) W-2125	Skylake-W	QMWX	U-0	8.25MB		4	4.00GHz	4.5GHz	120W	DDR4-2666
Intel(R) Xeon(R) W-2133	Skylake-W	QMWY	U-0	8.25MB		6	3.50GHz	3.9GHz	140W	DDR4-2666
Intel(R) Xeon(R) W-2135	Skylake-W	QMWV	U-0	8.25MB		6	3.70GHz	4.5GHz	140W	DDR4-2666
Intel(R) Xeon(R) W-2145	Skylake-W	QMWV	U-0	11MB		8	3.70GHz	4.5GHz	140W	DDR4-2666
Intel(R) Xeon(R) W-2155	Skylake-W	QMWV	U-0	13.75MB		10	3.30GHz	4.5GHz	140W	DDR4-2666
Intel(R) Xeon(R) W-2175	Skylake-W	QTFB	M-0	19.25MB		14	2.50GHz	4.3GHz	140W	DDR4-2666
Intel(R) Xeon(R) W-2195	Skylake-W	QNT1	M-0	24.75MB		18	2.30GHz	4.3GHz	140W	DDR4-2666
Cascade Lake-Intel® Xeon® W Processor										
Intel(R) Xeon® W-2223	Cascade Lake	QTR	L-1	6.25MB		4	3.60GHz	3.90GHz	120W	DDR4-2666
Intel(R) Xeon® W-2225	Cascade Lake	QTXY	L-1	8.25MB		4	4.10GHz	4.60GHz	105W	DDR4-2933
Intel(R) Xeon® W-2235	Cascade Lake	QTEB	L-1	8.25MB		6	3.80GHz	4.60GHz	130W	DDR4-2933
Intel(R) Xeon® W-2245	Cascade Lake	QTXK	L-1	16.5MB		8	3.90GHz	4.50GHz	155W	DDR4-2933
Intel(R) Xeon® W-2255	Cascade Lake	QTRP	L-1	19.25MB		12	3.70GHz	4.50GHz	165W	DDR4-2933
Intel(R) Xeon® W-2265	Cascade Lake	QTBJ	L-1	19.25MB		12	3.50GHz	4.60GHz	165W	DDR4-2933
Intel(R) Xeon® W-2275	Cascade Lake	QTBH	L-1	19.25MB		14	3.30GHz	4.60GHz	165W	DDR4-2933
Intel(R) Xeon® W-2295	Cascade Lake	QTE	L-1	24.75MB		18	3.00GHz	4.60GHz	165W	DDR4-2933

Memory (RAM) actually maximum frequency will follow memory controller's spec of CPU (you used)

Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins
RDIMM										
M393A2K43B81-CTD9G	DDR4	Samsung	16GB	Samsung	2R X8	1.2V	2666MHz	ECC Registered	19	288-pin
M393A2K40C82-CTD9G	DDR4	Samsung	16GB	Samsung-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A2K40B82-CTD	DDR4	Samsung	16GB	Samsung	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A4K40B82-CTD	DDR4	Samsung	32GB	Samsung	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A8G40B22-CW06G	DDR4	Samsung	64GB	Samsung	2S2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A8G40M82-CTD7G	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT804RF-S8265-18F01	DDR4	Crucial	8GB	Micron	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTABASF-1G72PZ-2G6D1QI	DDR4	Micron	8GB	Micron	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT804RF-D8265-18F01	DDR4	Crucial	8GB	Micron-Inphi	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF1G72PZ-2G6F1R1	DDR4	Micron	8GB	Micron-Inphi	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT116G4RFD8265-2G6H1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF2G72PZ-2G6H1QG	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT116G4RFD8265-18F01	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
MTA18ASF2G72PZ-2G6D1	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT116G4RFD8265-2G6D1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
CT116G4RFS4265-18F01	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
CT32G4RFD4265-36F01	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4265-2G6D1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4265-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
MTA38ASF4G72PZ-2G6H1QG	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
SMA82GR7AFR4N-VKT3	DDR4	SKhynix	16GB	SKhynix-Montage	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
SMA82GR7AFR4N-VKTF	DDR4	SKhynix	16GB	SKhynix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
SMA82GR7AFR8N-VKT3	DDR4	SKhynix	16GB	SKhynix-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
SMA82GR7AFR8N-VKTF	DDR4	SKhynix	16GB	SKhynix-IDT	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin
SMA82GR7AFR4N-VKT3	DDR4	SKhynix	32GB	SKhynix-Montage	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
TR432G28D419-VKA	DDR4	V-color	16GB	SKhynix-Inphi	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
TR432G28D419-VKA	DDR4	V-color	32GB	SKhynix-Inphi	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
M393A2K40C82-CVFBG	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A2K40C82-CVFBG	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
M393A4K40C82-CVFBG	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
M393A8G40M82-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT804RF-S8293-18F01	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT804RF-S8293-2G6E1.001	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTABASF-1G72PZ-2G6E1VG	DDR4	Micron	8GB	Micron-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTABASF-1G72PZ-2G6E1UG	DDR4	Micron	8GB	Micron-Rambus	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTABASF-1G72PZ-2G6E1T1	DDR4	Micron	8GB	Micron-Montage	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT116G4RFD8293-18F01	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT116G4RFD8293-2G6E1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ-2G6E1UG	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ-2G6E1VG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin

GT16G4RFS4293.18FE1	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
GT16G4RFS4293.209E1.001	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ.3G9E1TK	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PZ.3G9E1VG	DDR4	Micron	16GB	Micron-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293.209E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293.38FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA38ASF4G72PZ.3G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA38ASF4G72PZ.3G9E2VG	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA38ASF4G72PZ.3G9E2UG	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT64G4RFD4293.209B2.001	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA38ASF8G72PZ.2G9B2V1	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
SMA81GR7CJR8N-WM T4	DDR4	SKhynix	8GB	SKhynix-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
SMA82GR7CJR8N-WM T4	DDR4	SKhynix	16GB	SKhynix-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
SMA84GR7CJR4N-WM T4	DDR4	SKhynix	32GB	SKhynix-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
SMA86GR7MUR4N-WM T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
8SM29D816ME1	DDR4	Kingston	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
8SM29D432ME1	DDR4	Kingston	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
NT16GA72D8PBX3P-IX	DDR4	Nanya	16GB	Nanya-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
NT32GA72D4NBX3P-IX	DDR4	Nanya	32GB	Nanya-Montage or IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
SMA81GR7CJR8N-XN T4	DDR4	SKhynix	8GB	SKhynix-IDT	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
SMA82GR7CJR8N-XN T4	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
SMA82GR7CJR8N-XN T8	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
SMA82GR7CJR8N-XN T4	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
SMA82GR7DUR8N-XN T8	DDR4	SKhynix	16GB	SKhynix-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin

MegaRAID SAS 9460-16i	SAS316 dual-core RAID-on-Chip (ROC)	x8 lane PCI Express® 3.1	3	4 x Mini-SAS HD SFF-8643		12Gb/s SAS 3.0	
LSI Host Bus Adapters (HBAs)							
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 3154-16i	PM9236	8-Lane PCIe Gen3	16	4 x Internal SFF-8643		12 Gb/s per port	
Microsemi Host Bus Adapters							
SmartHBA 2100-8i	PM9222	8-Lane PCIe Gen3	8	2 x Internal SFF-8643		12 Gb/s per port	
LAN Cards							
Product Name	Connector	System Interface Type	# of Ports	Data Rate	Note		
GIGABYTE LAN Cards							
GLN4752	QSFP+	PCIe x8 Gen3 x8	Dual	10Gb/s per port	INTEL XL710		
GLN4224	RJ-45	PCIe x8 Gen3 x4	Quad	10Gb/s per port	INTEL X550-A12		
GLN4M34	SFP28	PCIe Gen3 x16	Quad	10Gb/s per port	Mellanox ConnectX-4		
Intel_10GbE							
Intel® Ethernet Network Adapter X722-DA4	SFP+	PCIe v3.0 (8.0 GT/s)	Quad	10Gb/s per port			
Intel_25GbE							
Intel® Ethernet Network Adapter XXV710-DA2	SFP28	PCIe v3.0 (8.0 GT/s)	Dual	25Gb/s per port			
Intel_40GbE							
Intel® Ethernet Converged Network Adapter XL710-QDA2	QSFP+	PCIe v3.0 (8.0 GT/s)	Dual	40Gb/s per port			
Mellanox ConnectX							
MCX516A-CCAT	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 EN		
MCX515A-CCAT	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 EN		
MCX4121A-ACAT	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN		
Mellanox VPI Adapter Cards							
MCX555A-ECAT	QSFP28	PCIe 3.0 x16	Single	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)		
Qlogic LAN Adapters							
QL45T1HLCU	QSFP28	PCIe x16 Gen3 x16	Single	100Gb/s per port			
QL45442-RJ-CX	RJ-45	PCIe x8 Gen3 x8	Dual	10Gb/s per port			
Broadcom (Emulex) Ethernet Networking Adapters							
BCM95744A4142CC	SFP28	PCIe 3.0 x8	Dual	25Gb/s per port	BCM57414		
PSU							
Product Name	Vendor	Input Voltage	Wattage	Application	Efficiency	Note	
PS-2801-6L	LITEON	100-240Vac	600W	Server	N/A		
USB Device							
Product Name	Type	Vendor	Capacity	Note			
USB 3.0							
PURE CLASSIC XT7681F-WB075	HDD	Sagate	500G				
SPRIN S14452038	HDD	Sagate	500G				
TOSHIBA CANVIO BASIC	HDD	Toshiba	500G				
NU EBCT13	Blue-ray	NU					
NU ESW983 8X SLIM	DVD	NU					
Verio Evolution 1.6k S 16GB	Flash	Verico	16G				
SILICON POWER BLAZE B10 16GB	Flash	SILICON	16G				
ADATA SUPERIOR S102 PRO 8GB	Flash	ADATA	8G				
ST-DS3 TURBO	Device	CyberSLIM					
WASTLE	Device	emo					
BST-TS13	Device	Silver Stone					
ST-DS3-Plus	Device	CyberSLIM					
W698 IU3-1S	Device	CYDOCK					
ST10-SB365	Device	STADCOM					