

Please contact FAE support for below orange blocks

Ampere CPU for Altra and Altra max										
Product Name	Core Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Frequency	TDP	Memory Types
Ampere CPU										
Ampere Altra Max CPU M128-30	Altra Max				25 GT/s	128	2.8 GHz	3.0 GHz	250	DDR4-3200
Ampere Altra Max CPU M128-28	Altra Max				25 GT/s	128	2.8 GHz	2.8 GHz	230	DDR4-3200
Ampere Altra Max CPU M112-30	Altra Max				25 GT/s	112	3.0 GHz	3.0 GHz	240	DDR4-3200
Ampere Altra Max CPU M96-30	Altra Max				25 GT/s	96	3.0 GHz	3.0 GHz	220	DDR4-3200
Ampere Altra Max CPU M96-28	Altra Max				25 GT/s	96	2.8 GHz	2.8 GHz	190	DDR4-3200
Ampere Altra CPU Q80-33	Altra				25 GT/s	80	3.0 GHz	3.3 GHz	250	DDR4-3200
Ampere Altra CPU Q80-30	Altra				25 GT/s	80	2.8 GHz	3.0 GHz	210	DDR4-3200
Ampere Altra CPU Q80-28	Altra				25 GT/s	80	2.6 GHz	2.8 GHz	175	DDR4-3200
Ampere Altra CPU Q80-26	Altra				25 GT/s	80	2.4 GHz	2.6 GHz	150	DDR4-3200
Ampere Altra CPU Q72-30	Altra				25 GT/s	72	2.8 GHz	3.0 GHz	195	DDR4-3200
Ampere Altra CPU Q64-33	Altra				25 GT/s	64	3.0 GHz	3.3 GHz	220	DDR4-3200
Ampere Altra CPU Q64-30	Altra				25 GT/s	64	2.8 GHz	3.0 GHz	180	DDR4-3200
Ampere Altra CPU Q64-26	Altra				25 GT/s	64	2.4 GHz	2.6 GHz	125	DDR4-3200
Ampere Altra CPU Q64-22	Altra				25 GT/s	64	2.0 GHz	2.2 GHz	95	DDR4-3200
Don't write "Test Items" under this line!!!										
Memory (Memory 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
M393A2K43DB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
M393A4K40DB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF4G72PDZ-2G9E1TI	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF8G72PZ-2G9E1TI	DDR4	Micron	64GB	Micron-Montage	2Rx4	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
HMA82GR7DJR8N-XN T8	DDR4	SKhynix	16GB	SKhynix-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
HMA82GR7DJR8N-XN TG	DDR4	SKhynix	16GB	SKhynix -IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2R1TI	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA9ASF2G72PZ-3G2F1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF4G72PZ-3G2R1UI	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2F1VI	DDR4	Micron	32GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PZ-3G2F1TI	DDR4	Micron	32GB	Micron	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF8G72PZ-3G2E1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF8G72PZ-3G2F1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A2K43EB3-CWEBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40DB3-CWECQ	DDR4	Samsung	32GB	Samsung-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40DB3-CWEBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40DB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4G40BB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40EB3-CWEBY	DDR4	Samsung	32GB	Samsung	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A8G40BB4-CWEBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393AAG40M32-CAEBQ	DDR4	Samsung	128GB	Samsung	2S2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RD8/16MRR	DDR4	Kingston	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RS4/32MER	DDR4	Kingston	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RD4/32MRR	DDR4	Kingston	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF4G72PZ-3G2E2	DDR4	Micron	16GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	24	288-pin
M393A4G43AB3-CWE	DDR4	Samsung	32GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
CT32G4RFD4266-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin
CT32G4RFD4293-2G9E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
Don't write "Test Items" under this line!!!										
HDD /U.2/ M.2 (If the system build-in with RAID card ,please refer to RAID card QVL list)										

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note
U.2							
SSDPF2KX038TZ D7-P5510 Series	U.2	Intel	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
SSDPF2NV153TZ D5-P5316 Series	U.2	Intel	2.5" 15mm	SFF8639(NVMe)	15.35TB	PCIe Gen4 x4	
SSDPF2KX038TZ D7-P5510 Series	U.2	Intel	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
SSDPF2NV153TZ D5-P5316 Series	U.2	Intel	2.5" 15mm	SFF8639(NVMe)	15.35TB	PCIe Gen4 x4	
MZQL23T8HCLS PM9A3 Series	U.2	Samsung	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
MTFDHAL3T2TDR 9300 Max Series	U.2	Micron	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
MZQL2960HCJR-00A07 960GB PM9A3	U.2	Samsung	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	
Don't write "Test Items" under this line!!!							
U.3							
KCM61RUL3T84 CM6-R Series	U.3	KIOXIA	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
KCM61RUL960G CM6-R Series	U.3	KIOXIA	2.5" 15mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	
KCD61LUL3T84 CD6-R Series	U.3	KIOXIA	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
MTFDKCC6T4TFC 7400 Max Series	U.3	Micron	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	
MTFDKCB7T6TFR 7450 Pro Series	U.3	Micron	2.5" 7mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	
Don't write "Test Items" under this line!!!							
M.2							
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note
MZ1L2960HCJR PM9A3 Series	M.2	Samsung	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	
MZ1L21T9HCLS PM9A3 Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	
MZ-1LB1T9N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	
MTFDKBA800TFC 800GB 7400 Max Series	M.2	Micron	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	
MTFDKBG1T9TDZ 1.92TB 7400 Pro Series	M.2	Micron	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	
MTFDKBA800TFS 800GB 7450 Max Series	M.2	Micron	2280	PCIe(NVMe)	800 GB	PCIe Gen4 x4	
MTFDKBG3T8TFR 3.84TB 7450 Pro Series	M.2	Micron	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	
CA6-8D1024 CA6 Series	M.2	SSSTC	2280	PCIe(NVMe)	1TB	PCIe Gen4 x4	
Don't write "Test Items" under this line!!!							
LAN Cards							
Product Name	Connector	System Interface Type	# of Ports	Data Rate	Note		
Mellanox ConnectX							
MCX623106AN-CDAT	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	ConnectX®-6 Dx No Crypto, No Secure Boot		
MCX613106A-VDAT	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 EN		
MCX683105AN-HDAT	QSFP	PCIe Gen4 x16	Single	200Gb/s per port	Mellanox ConnectX-6 DE VPI (InfiniBand)		
MCX653106A-HDAT	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX653105A-ECAT	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX653106A-ECAT	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)		
Don't write "Test Items" under this line!!!							
Broadcom (Emulex) Ethernet Networking Adapters							
BCM957412A4120AC	SFP+	PCIe Gen3 x8	Dual	10Gb/s per port	BCM57412		
BCM957508-P2100G	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	BCM57508		
BCM957416A4160C	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 (P210TP)		
Don't write "Test Items" under this line!!!							
USB Device							
Product Name	Type	Vendor	Capacity	Note			
USB 3.0							
PURE CLASSIC X176B1FWBO75	HDD	Gigabyte	500G				
GoFlex STAA500305	HDD	Seagate	500G				
TOSHIBA CANVIO BASIC	HDD	Toshiba	500G				
NU ESW863 8X SLIM	DVD	NU					
Verico Evolution Lite S 16GB	Flash	Verico	16G				
ADATA SUPERIOR S102 PRO 8GB	Flash	ADATA	8G				
S1-DS3 TURBO	Device	CyberSLIM	Samsung MZ-7LH9600				
NA317U+	Device	ineo					
SST-TS13	Device	Silver Stone	Samsung MZ-7LH9600				
S1-DS3-Plus	Device	CyberSLIM					
MB981U3-1S	Device	ICYDOCK					
i310-SB3(6G)	Device	STARDOM					
Don't write "Test Items" under this line!!!							