

Please contact FAE support for below orange blocks

Ampere CPU for Altra and Altra max										
Product Name	Code Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP(W)	Memory Types
Ampere(R) Altra(R) Processor Scalable Family										
Ampere Altra Max CPU M128-30	Altra Max				25 GT/s	128	3.0 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 M128-26	Altra Max				25 GT/s	128	2.6 GHz	2.6 GHz	190	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	3.3 GHz	3.3 GHz	250	DDR4-3200
Ampere Altra CPU Q80-30	Altra				25 GT/s	80	3.0 GHz	3.0 GHz	210	DDR4-3200
Ampere Altra CPU Q80-28	Altra				25 GT/s	80	2.8 GHz	2.8 GHz	185	DDR4-3200
Ampere Altra CPU Q80-26	Altra				20 GT/s	80	2.6 GHz	2.6 GHz	150	DDR4-3200
Ampere Altra CPU Q72-30	Altra				25 GT/s	72	3.0 GHz	3.0 GHz	195	DDR4-3200
Ampere Altra CPU Q64-33	Altra				25 GT/s	64	3.3 GHz	3.3 GHz	220	DDR4-3200
Ampere Altra CPU Q64-30	Altra				25 GT/s	64	3.0 GHz	3.0 GHz	180	DDR4-3200
Ampere Altra CPU Q64-26	Altra				20 GT/s	64	2.6 GHz	2.6 GHz	125	DDR4-3200
Ampere Altra CPU Q64-22	Altra				16 GT/s	64	2.2 GHz	2.2 GHz	95	DDR4-3200
Ampere Altra CPU Q32-17	Altra				16 GT/s	32	1.7 GHz	1.7 GHz	65	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
DDR4 RDIMM										
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
HMA84GR7DJR4N-XN T4	DDR4	SKhynix	32GB	SKhynix-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMA84GR7DJR4N-XN TG	DDR4	SKhynix	32GB	SKhynix-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMAA8GR7AJR4N-XN TG	DDR4	SKhynix	64GB	SKhynix-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMAA8GR7AJR4N-XN T8	DDR4	SKhynix	64GB	SKhynix-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMAA8GR7CJR4N-XN T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMAA8GR7CJR4N-XN TG	DDR4	SKhynix	64GB	SKhynix-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
HMAA8GR7CJR4N-XN T8	DDR4	SKhynix	64GB	SKhynix-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA9ASF1G72PZ-3G2R1VI	DDR4	Micron	8GB	Micron-IDT	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA9ASF1G72PZ-3G2R1TI	DDR4	Micron	8GB	Micron-Montage	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA9ASF2G72PZ-3G2E1TI	DDR4	Micron	16GB	Micron-Montage	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2R1VI	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2R1TI	DDR4	Micron	16GB	Micron-Montage	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-3G2F1TI	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PZ-3G2F1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF4G72PZ-3G2R1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PZ-3G2F1UI	DDR4	Micron	32GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PZ-3G2F1TI	DDR4	Micron	32GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	1Rx4	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-CWBEQ	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-CWBEQ	DDR4	Samsung	32GB	Samsung-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40DB3-CWBEY	DDR4	Samsung	32GB	Samsung-IDT	1Rx4	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-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40EB3-CWECQ	DDR4	Samsung	32GB	Samsung-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A4K40EB3-CWBEY	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A8G40BB4-CWBEY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393AAG40M32-CAEBQ	DDR4	Samsung	128GB	Samsung	252Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393AAG40M32-CAEBY	DDR4	Samsung	128GB	Samsung	252Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RS8/16MER	DDR4	Kingston	16GB	Micron-Rambus	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RD8/16MRR	DDR4	Kingston	16GB	Micron-Rambus	1Rx8	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
Don't write "Test Items" under this line!!!										
RAID Card										
Product Name	Vendor	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note	
GIGABYTE Storage Cards										
CRA3338	GIGABYTE	LSI SAS 3008	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gbps per port		
CRA4448	GIGABYTE	LSI SAS 3108	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gbps per port	Hardware RAID Firmware need support ARM Hi Hi Firmware: 03.25.05.10	

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SATA/SAS SSD									
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW		Note
SATA SSD									
MTFDDAK3T8TDS-1AW 1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	3.84TB	6Gb/s	D3MU401		
MTFDDAK1T9TDS-1AW 1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s	D3MU001		
MZ7L319HBNA-00A07 PM897	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s	JXTE004Q		
MZ-7LH1T9NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s	HXT7404Q		
MZ7L3480HCHQ-00A07 PM893 Series	SSD	Samsung	2.5"	SATA	480GB	6Gb/s	JXTC004Q		
MZ7L3378HBLT-00A07 PM893 Series	SSD	Samsung	2.5"	SATA	3.84TB	6Gb/s	JXTC004Q		
SSB1K9GTLGW-D2-SME1720GBT ESM1720 Series	SSD	Phison	2.5"	SATA	1.92TB	6Gb/s	SCEMHS.0		
SSDSC2KB019TZ D3-S4520 Series	SSD	Solidigm	2.5"	SATA	1.92TB	6Gb/s	7CV10130		
Don't write "Test Items" under this line!!!									
M.2									
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW		Note
M.2									
SSDPEKKA256G801 P4101 Series 256GB	M.2	Intel	2280	PCIe(NVMe)	256GB	PCIe Gen3 x4	008D		
MZ1L21T9HCLS PM9A3 Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	GDC7202Q		
MZ-1LB960N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	960GB	PCIe Gen3 x4	EDA7102Q		
MZ-1LB1T9N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	EDA7102Q		
MTFDKBA800TFC 800GB 7400 Max Series	M.2	Micron	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	E1MU23BC		
MTFDKBG3T8TDZ 3.84TB 7400 Pro Series	M.2	Micron	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	E1MU23BC		
MTFDKBG1T9TDZ 1.92TB 7400 Pro Series	M.2	Micron	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	E1MU23BC		
MTFDKBA800TFS 800GB 7450 Max Series	M.2	Micron	2280	PCIe(NVMe)	800 GB	PCIe Gen4 x4	E2MU110		
MTFDKBG3T8TFR 3.84TB 7450 Pro Series	M.2	Micron	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	E2MU110		
DuraFlash SPG230504ZH	M.2	SMART Modular	2280	PCIe(NVMe)	480 GB	PCIe Gen4 x4	FW1433		
Don't write "Test Items" under this line!!!									
LAN Cards									
Product Name	Connector	System Interface Type	# of Ports	Data Rate		Note			
GIGABYTE LAN Cards									
CLN4D40	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port		Broadcom BCM57414			
CLN4C42	SFP28	PCIe Gen3 x16	Dual	25Gb/s per port		Mellanox ConnectX-4			
CLN4C44	SFP28	PCIe Gen3 x16	Quad	25Gb/s per port		Mellanox ConnectX-4			
CLN4M34	SFP28	PCIe Gen3 x16	Quad	10Gb/s per port		Mellanox ConnectX-4			
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Mellanox ConnectX									
MCX631102AN-ADAT	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port		ConnectX®-6 DL without Crypto			
MCX631432AN-ADAB	SFP28	OCF PCIe Gen4 x8	Dual	25Gb/s per port		ConnectX®-6 Lx without Crypto / Support OCP 3.0			
MCX623105AN-CDAT	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port		ConnectX®-6 DL No Crypto, No Secure Boot			
MCX623106AN-CDAT	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port		ConnectX®-6 DL No Crypto, No Secure Boot			
MCX623435AC-VDAB	QSFP56	OCF PCIe Gen4 x16	Single	200Gb/s per port		ConnectX®-6 DL With Crypto1, With Secure Boot / Support OCP 3.0			
MCX613106A-VDAT	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port		Mellanox ConnectX-6 EN			
MCX565M-CDAB	QSFP28	OCF PCIe Gen4 x16	Single	100Gb/s per port		ConnectX®-5 Ex DL / Support OCP 3.0			
MCX623432AN-ADAB	SFP28	OCF PCIe Gen4 x16	Dual	25Gb/s per port		ConnectX®-6 DL No Crypto, No Secure Boot / Support OCP 3.0			
MCX4121A -ACAT	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port		Mellanox ConnectX-4 Lx MCX4121A -ACAT SFP28 PCIe3.0 x8			
Don't write "Test Items" under this line!!!									
Mellanox VPI Adapter Cards									
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-HDAT	QSFP56	PCIe Gen4 x16	Single	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)			
MCX555A-ECAT	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port		Mellanox ConnectX-5 VPI (InfiniBand)			
MCX623106AC-CDAT	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port		Mellanox MCX623106AC-CDAT ConnectX-6 DX Dual Port 100Gb PCIe 4.0 x16 Ethernet Adapter Card			
Don't write "Test Items" under this line!!!									
Broadcom (Emulex) Ethernet Networking Adapters									
BCM957414A4142CC	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port		BCM57414			
BCM957416A4160C	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port		BCM5741 (P210TP)			
BCM957504-N425G	SFP28	OCF PCIe 4.0	Quad	25Gb/s per port		BCM57504 NetXtreme-E Quad-port 25 Gb/s Sfp28 Ethernet Pci Express 4.0 X16 OCP 3.0			
BCM957416N4160C-N210TP	RJ-45	OCF PCIe 4.0	Dual	10Gb/s per port		BCM57416 NetXtreme-E Dual-Media 10G (N210TP)			
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