

H223-Z10-AAP1 Qualification Vendor List

Please contact FAE support for below orange blocks

AMD CPU											
Product Name	Vendor	Code Name	Stepping	L3 Cache	# of Cores / Threads	Processor Base Frequency (GHz)	Processor Boost Max Freq (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types	
AMD 9654 100-00000789	AMD	Genoa	PR	384MB	96 / 192	2.40	3.70	360W	320W/400W	DDR5-4800	
AMD 9634 100-00000797	AMD	Genoa	PR	384MB	84 / 168	2.25	2.90W	240W/300W	320W/400W	DDR5-4800	
AMD 9554 100-00000790	AMD	Genoa	PR	256MB	64 / 128	3.10	3.75	360W	320W/400W	DDR5-4800	
AMD 9534 100-00000799	AMD	Genoa	PR	256MB	64 / 128	2.45	3.70	280W	240W/300W	DDR5-4800	
AMD 9454 100-00000478	AMD	Genoa	PR	256MB	48 / 96	2.75	3.80	290W	240W/300W	DDR5-4800	
AMD 9354 100-00000798	AMD	Genoa	PR	256MB	32 / 64	3.25	3.90	280W	240W/300W	DDR5-4800	
AMD 9334 100-00000800	AMD	Genoa	PR	128MB	32 / 64	2.70	3.90	210W	200W/240W	DDR5-4800	
AMD 9254 100-00000480	AMD	Genoa	PR	128MB	24 / 48	2.90	4.15	200W	200W/240W	DDR5-4800	
AMD 9224 100-00000839	AMD	Genoa	PR	64MB	24 / 48	2.50	3.70	200W	200W/240W	DDR5-4800	
AMD 9124 100-00000802	AMD	Genoa	PR	64MB	16 / 32	3.00	3.70	200W	200W/240W	DDR5-4800	
AMD 9474F 100-00000788	AMD	Genoa	PR	256MB	48 / 96	3.60	4.10	360W	320W/400W	DDR5-4800	
AMD 9374F 100-00000792	AMD	Genoa	PR	256MB	32 / 64	3.85	4.30	320W	320W/400W	DDR5-4800	
AMD 9274F 100-00000794	AMD	Genoa	PR	256MB	24 / 48	4.05	4.30	320W	320W/400W	DDR5-4800	
AMD 9174F 100-00000796	AMD	Genoa	PR	256MB	16 / 32	4.10	4.40	320W	320W/400W	DDR5-4800	
AMD 9654P 100-00000803	AMD	Genoa	PR	384MB	96 / 192	2.40	3.70	360W	320W/400W	DDR5-4800	
AMD 9554P 100-00000804	AMD	Genoa	PR	256MB	64 / 128	3.10	3.75	360W	320W/400W	DDR5-4800	
AMD 9454P 100-00000873	AMD	Genoa	PR	256MB	48 / 96	2.75	3.80	290W	240W/300W	DDR5-4800	
AMD 9354P 100-00000805	AMD	Genoa	PR	256MB	32 / 64	3.25	3.80	280W	240W/300W	DDR5-4800	
Product Name	Vendor	Code Name	Stepping	L3 Cache	# of Cores / Threads	Processor Base Frequency (GHz)	Processor Boost Max Freq (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types	
AMD 9684X 100-00000892	AMD	Genoa-X	B1	1152MB	96 / 192	2.55	3.70	400W	320W/400W	DDR5-4800	
AMD 9384X 100-00000791	AMD	Genoa-X	B1	768MB	32 / 64	3.50	3.90	320W	320W/400W	DDR5-4800	
AMD 9184X 100-00000795	AMD	Genoa-X	B1	768MB	16 / 32	3.55	4.20	320W	320W/400W	DDR5-4800	
Product Name	Vendor	Code Name	Stepping	L3 Cache	# of Cores / Threads	Processor Base Frequency (GHz)	Processor Boost Max Freq (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types	
AMD 9754 100-00000667	AMD	Bergamo	PR	256MB	128 / 256	2.25	3.10	360W	320W/400W	DDR5-4800	
AMD 9734 100-00000669	AMD	Bergamo	PR	256MB	112 / 224	2.20	3.00	340W	320W/400W	DDR5-4800	

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

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
DDR5 RDIMM										
M321R2GA388E-CQKVS	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
M321R2GA388E-CQKMS	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
M321R2GA388E-CQKMG	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
M321R2GA388E-CQKEG	Samsung	DDR5	16GB	Samsung-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
M321R4GA388E-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKVG	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKZJ	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKEG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKMG	Samsung	DDR5	64GB	Samsung-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKVS	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKDG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0880-CQKZH	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321RAGA0820-CWKBH	Samsung	DDR5	128GB	Samsung-IDT	2S2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 HCCG	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 NGCC	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 NHFF	Micron	DDR5	16GB	Micron-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2086S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2086S1RC48BA1 HCHH	Micron	DDR5	32GB	Micron-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2086S1RC48BA1 NGCC	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1046S1RC48BA2 HCHH	Micron	DDR5	32GB	Micron-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1046S1RC48BA2 HCCG	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1046S1RC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1046S1PC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 GCCG	Micron	DDR5	64GB	Micron-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 FCCI	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 FICC	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC36F2046S1PC48BA1 MHCC	Micron	DDR5	64GB	Micron-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG88MEBRA113N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG88MEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG94MEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG78AEBRA168N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG78AEBRA116N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG88AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG88AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
8MCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG84AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG84AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG94AEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
8MCG94AEBRA123N AA	SKhynix	DDR5	64GB	SKhynix-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
AO4V48UCSV1-BHRS	ADATA	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
AO4V48UCTV2-BHSS	ADATA	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
KSM48R40BSKMM-16HMR	Kingston	DDR5	16GB	SKhynix-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
KSM48R40BSATMM-32HMR	Kingston	DDR5	32GB	SKhynix-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	

RSM48R40BD8KMM-32HMR	Kingston	DDR5	32GB	Skynix-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
RSM48R40BD4TMM-64HMR	Kingston	DDR5	64GB	Skynix-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
DDR5 RDIMM (Intel Sapphire Rapids & Emerald Rapids only XCC CPU with 1DPC support for 24GB and 48GB, 1DPC & 2DPC support for 96GB, MCC CPU not support, please mark as orange color if test pass)										
MT20F208XS1RC48B81 NGCC	Micron	DDR5	48GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
PCle SSD										
Product Name		Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note		
PCle SSD										
SSDPEDKX040T701	Solidigm	PCle	PCIE 3.0	PCle(NVMe)		4TB	PCle Gen3 x4	P4500 Series		
NVMe SSD										
Product Name		Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note		
E1-S										
KXD6CRJ1J1T94	KIOXIA	E1-S	9.5mm	SFF-TA-1006		3.84TB	PCle Gen4 x4	XD6 Series		
KXD6CRJ1J1T92	KIOXIA	E1-S	9.5mm	SFF-TA-1006		1.92TB	PCle Gen4 x4	XD6 Series		
KXD21RJ1J1T92	KIOXIA	E1-S	9.5mm	SFF-TA-1006		1.92TB	PCle Gen4 x4	XD7P Series		
MZTL23T9HCLS	Samsung	E1-S	9.5mm	SFF-TA-1006		3.84TB	PCle Gen4 x4	PM9A3 Series		
MZTL21T9HCJR	Samsung	E1-S	9.5mm	SFF-TA-1006		1.92TB	PCle Gen4 x4	PM9A3 Series		
SSDPFUUK0078T1	Solidigm	E1-S	9.5mm	SFF-TA-1006		7.68TB	PCle Gen4 x4	D7-P5520 Series		
SSDPFUUK0038T1	Solidigm	E1-S	9.5mm	SFF-TA-1006		3.84TB	PCle Gen4 x4	D7-P5520 Series		
SSDPFUUK0019T1	Solidigm	E1-S	9.5mm	SFF-TA-1006		1.92TB	PCle Gen4 x4	D7-P5520 Series		
M.2 Expansion PCle Card										
Product Name		Vendor	Type	Form Factor	Interface	Max. Channels	Interface Speed	Note		
GMT4034	Gigabyte	PCle	22110	PCle(NVMe)		4	PCle Gen3 x16			
LAN Cards										
Product Name		Vendor	Connector	System Interface Type	# of Ports	Data Rate	Note			
GIGABYTE LAN Cards										
CLN4D40	GIGABYTE	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		Broadcom BCM57414		
CLN4B20	GIGABYTE	RJ-45	PCle Gen3 x8	Dual		10Gb/s per port		Broadcom BCM57416		
CLN4A10	GIGABYTE	RJ-45	PCle Gen3 x8	Dual		1Gb/s per port		Broadcom BCM5720L		
CLNCD42	GIGABYTE	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		Broadcom BCM57414 / Support QSP 3.0		
CLNCB22	GIGABYTE	RJ-45	PCle Gen3 x8	Dual		10Gb/s per port		Broadcom BCM57416 / Support QSP 3.0		
CLNCA12	GIGABYTE	RJ-45	PCle Gen2 x2	Dual		10Gb/s per port		Broadcom BCM5720 / Support QSP 3.0		
Intel_10GbE										
X722-DA4	Intel	SFP+	PCle Gen3 x8	Quad		10Gb/s per port				
Intel_25GbE										
E810-XXVDA2 for OCP	Intel	SFP28	PCle Gen4 x8	Dual		25Gb/s per port		Support QSP 3.0		
E810-XXVDA4	Intel	SFP28	PCle Gen4 x16	Quad		25Gb/s per port		Controller E810-CAM1		
XXV710-DA2	Intel	SFP28	PCle Gen3 x8	Dual		25Gb/s per port				
Intel_100GbE										
E810-CODA2 for OCP	Intel	QSFP28	PCle Gen4 x16	Dual		100Gb/s per port		Support QSP 3.0		
E810-CODA1	Intel	QSFP28	PCle Gen4 x16	Single		100Gb/s per port				
(Mellanox) NVIDIA ConnectX										
MCX753104AC-ADAT	NVIDIA	SFP56	PCle Gen4 x16	Quad		50Gb/s per port		Mellanox ConnectX-7		
MCX83102AN-ADAT	NVIDIA	SFP28	PCle Gen4 x8	Dual		25Gb/s per port		Mellanox ConnectX-6 Lx without Crypto		
MCX831432AN-ADAB	NVIDIA	SFP28	PCle Gen4 x8	Dual		25Gb/s per port		Mellanox ConnectX-6 Lx without Crypto / Support QSP 3.0		
MCX823105AN-CDAT	NVIDIA	QSFP56	PCle Gen4 x16	Single		100Gb/s per port		Mellanox ConnectX-6 Sx No Crypto, No Secure Boot		
MCX823106AN-CDAT	NVIDIA	QSFP56	PCle Gen4 x16	Dual		100Gb/s per port		Mellanox ConnectX-6 Sx No Crypto, No Secure Boot		
MCX565M-CDAB	NVIDIA	QSFP28	PCle Gen4 x16	Single		100Gb/s per port		Mellanox ConnectX-6 Ex Host-Host / Support QSP 3.0		
MCX566A-CDAB	NVIDIA	QSFP28	PCle Gen4 x16	Dual		100Gb/s per port		Mellanox ConnectX-6 Ex EN / Support QSP 3.0		
MCX516A-CCAT	NVIDIA	QSFP28	PCle Gen3 x16	Dual		100Gb/s per port		Mellanox ConnectX-5 EN		
MCX515A-CCAT	NVIDIA	QSFP28	PCle Gen3 x16	Single		100Gb/s per port		Mellanox ConnectX-5 EN		
MCX4121A-ACAT	NVIDIA	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		Mellanox ConnectX-4 Lx EN		
(Mellanox) NVIDIA VPI Adapter Cards										
MCX75310AAC-NEAT	NVIDIA	QSFP	PCle Gen5 x16	Single		400Gb/s per port		NVIDIA ConnectX-7 VPI (InfiniBand)		
MCX75310AAS-NEAT	NVIDIA	QSFP	PCle Gen5 x16	Single		400Gb/s per port		NVIDIA ConnectX-7 VPI (InfiniBand)		
MCX755106AC-HEAT	NVIDIA	QSFP112	PCle Gen5 x16	Dual		200Gb/s per port		Mellanox ConnectX-7 portable Dual Slot Bracket (Direct Ready Controller)		
MCX75510AAS-NEAT	NVIDIA	QSFP	PCle Gen5 x16	Single		400Gb/s per port		Mellanox ConnectX-7 portable Dual Slot Bracket (Direct Ready Controller)		
MCX883105AN-HDAT	NVIDIA	QSFP	PCle Gen4 x16	Single		200Gb/s per port		Mellanox ConnectX-6 DE VPI (InfiniBand)		
MCX853106A-HDAT	NVIDIA	QSFP56	PCle Gen4 x16	Dual		200Gb/s per port		Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX853436A-HDA	NVIDIA	QSFP56	PCle Gen4 x16	Dual		200Gb/s per port		Mellanox ConnectX-6 Ex VPI (InfiniBand) / QSP 3.0		
MCX853105A-ECAT	NVIDIA	QSFP56	PCle Gen4 x16	Single		100Gb/s per port		Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX853106A-ECAT	NVIDIA	QSFP56	PCle Gen4 x16	Dual		100Gb/s per port		Mellanox ConnectX-6 Ex VPI (InfiniBand)		
Broadcom (Emulex) Ethernet Networking Adapters										
BCM957508-P1200G	Broadcom	QSFP56	PCle Gen4 x16	Single		200Gb/s per port		BCM57508		
BCM957508-P2100G	Broadcom	QSFP56	PCle Gen4 x16	Dual		100Gb/s per port		BCM57508		
BCM957414A4142CC	Broadcom	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		BCM57414 (P225P)		
BCM957504-N425G	Broadcom	SFP28	PCle 4.0	Quad		25Gb/s per port		BCM57504 / Support QSP 3.0		
BCM957508-N2100G	Broadcom	QSFP56	PCle 4.0	Dual		100Gb/s per port		BCM57508 / Support QSP 3.0		
BCM957504-N1100G	Broadcom	QSFP56	PCle 4.0	Single		100Gb/s per port		BCM57508 / Support QSP 3.0		
BCM957416N4160C-N210TP	Broadcom	RJ-45	PCle Gen3 x8	Dual		10Gb/s per port		BCM57416 / Support QSP 3.0		
BCM957416A4160C	Broadcom	RJ-45	PCle Gen3 x8	Dual		10Gb/s per port		BCM57416 (P210TP)		
Broadcom FC Host Bus Adapter										
LP632002-M2	Broadcom	SFP+	PCle Gen3 x8	Dual		32Gb/s per port		XE501 controller		
LP631002-M6	Broadcom	SFP+	PCle Gen3 x8	Dual		16Gb/s per port		XE501 controller		
Chelsio Networking Adapters										
TR225-CR	Chelsio	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		Power 13w		
TR225-SO-CR	Chelsio	SFP28	PCle Gen3 x8	Dual		25Gb/s per port		Power 10w		

TB2100-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 22w
TB2100-LP-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 19w
TB2100-SO-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 16w
TS40-LP-CR	Chelsio	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	Power 11w
BlueField DPU Cards						
Product Name	Vendor	Connector	System Interface Type	# of Ports	Data Rate	Note
(Mellanox) NVIDIA BlueField-2 DPU Cards						
MBF2M345A-HESOT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	200Gb/s per port	E-Series/ 2.0GHz
MBF2H332A-AEEO7	NVIDIA	SFP56	PCIe Gen4 x8	Dual	25Gb/s per port	P-Series/ 2.5GHz
USB Device						
Product Name	Vendor	Type	Connector	Capacity	Note	
USB 3.2 Gen 1 (5Gbps)						
CANVIO BASIC	Toshiba	HDD	Type-A	800GB		
EDW863 8X SLIM	NU	DVD	Type-A			
MA317U+	Inno	Device	Type-A			
SST7TS13	Silver Stone	Device	Type-A			
S1-DS3-Plus	CyberSLIM	Device	Type-A			
MB881U3-1S	KYDOCK	Device	Type-A			