

**"R282-Z90-A00"Qualification Vender List**

**Please contact FAE support for below orange blocks**

**AMD CPU**

Product Name	Code Name	Package	Stepping	L3 Cache	# of Cores / Threads	Processor Base Freq (GHz)	Processor Boost Max Freq (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types
AMD 7H12 100-000000055	ROME	SP3	PD	256MB	64 / 128	2.60	3.40	280W	225W/280W	DDR4-3200
AMD 7742 100-000000053	ROME	SP3	B0 PR	256MB	64 / 128	2.25	3.40	225W	225W/240W	DDR4-3200
AMD 7702 100-000000038	ROME	SP3	B0 PR	256MB	64 / 128	2.00	3.35	200W	165W/200W	DDR4-3200
AMD 7662 100-000000137	ROME	SP3	PD	256MB	64 / 128	2.00	3.30	225W	225W/240W	DDR4-3200
AMD 7642 100-000000074	ROME	SP3	B0 PR	192MB	48 / 96	2.30	3.40	225W	225W/240W	DDR4-3200
AMD 7552 100-000000076	ROME	SP3	B0 PR	192MB	48 / 96	2.20	3.30	200W	165W/200W	DDR4-3200
AMD 7542 100-000000075	ROME	SP3	B0 PR	128MB	32 / 64	2.90	3.40	225W	225W/240W	DDR4-3200
AMD 7532 100-000000136	ROME	SP3	PD	256MB	32 / 64	2.40	3.30	200W	180W/200W	DDR4-3200
AMD 7502 100-000000054	ROME	SP3	B0 PR	128MB	32 / 64	2.50	3.35	180W	165W/200W	DDR4-3200
AMD 7452 100-000000057	ROME	SP3	B0 PR	128MB	32 / 64	2.35	3.35	155W	155W/180W	DDR4-3200
AMD 7F72 100-000000141	ROME	SP3	PD	192MB	24 / 48	3.20	3.70	240W	225W/240W	DDR4-3200
AMD 7402 100-000000046	ROME	SP3	B0 PR	128MB	24 / 48	2.80	3.35	180W	165W/200W	DDR4-3200
AMD 7352 100-000000077	ROME	SP3	B0 PR	128MB	24 / 48	2.30	3.20	155W	155W/180W	DDR4-3200
AMD 7F52 100-000000140	ROME	SP3	PD	256MB	16 / 32	3.50	3.90	240W	225W/240W	DDR4-3200
AMD 7302 100-000000043	ROME	SP3	B0 PR	128MB	16 / 32	3.00	3.30	155W	155W/180W	DDR4-3200
AMD 7282 100-000000078	ROME	SP3	B0 PR	64MB	16 / 32	2.80	3.20	120W	120W/150W	DDR4-2666
AMD 7272 100-000000079	ROME	SP3	PD	64MB	12 / 24	2.90	3.20	120W	120W/150W	DDR4-2666
AMD 7F32 100-000000139	ROME	SP3	B0 PR	128MB	8 / 16	3.70	3.90	180W	165W/200W	DDR4-3200
AMD 7262 100-000000041	ROME	SP3	B0 PR	128MB	8 / 16	3.20	3.40	155W	155W/180W	DDR4-3200
AMD 7252 100-000000080	ROME	SP3	PD	64MB	8 / 16	3.10	3.20	120W	120W/150W	DDR4-2666
Product Name	Code Name	Package	Stepping	L3 Cache	# of Cores / Threads	Processor Base Freq (GHz)	Processor Boost Max Freq (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types
AMD 7763 100-0000000312	Milan	SP3	PR	256MB	64 / 128	2.45	3.50	280W	225W/280W	DDR4-3200
AMD 7713 100-0000000344	Milan	SP3	PR	256MB	64 / 128	2.00	3.675	225W	225W/240W	DDR4-3200
AMD 7663 100-0000000318	Milan	SP3	PR	256MB	56 / 112	2.00	3.50	240W	225W/240W	DDR4-3200
AMD 7643 100-0000000326	Milan	SP3	PR	256MB	48 / 96	2.30	3.60	225W	225W/240W	DDR4-3200
AMD 75F3 100-0000000313	Milan	SP3	PR	256MB	32 / 64	2.95	4.00	280W	225W/280W	DDR4-3200
AMD 7543 100-0000000345	Milan	SP3	PR	256MB	32 / 64	2.80	3.70	225W	225W/240W	DDR4-3200
AMD 7513 100-0000000334	Milan	SP3	PR	128MB	32 / 64	2.60	3.65	200W	165W/200W	DDR4-3200
AMD 7453 100-0000000319	Milan	SP3	PR	64MB	28 / 56	2.75	3.45	225W	225W/240W	DDR4-3200
AMD 74F3 100-0000000317	Milan	SP3	PR	256MB	24 / 48	3.20	4.00	240W	225W/240W	DDR4-3200
AMD 7443 100-0000000340	Milan	SP3	PR	128MB	24 / 48	2.85	4.00	200W	165W/200W	DDR4-3200
AMD 7413 100-0000000323	Milan	SP3	PR	128MB	24 / 48	2.65	3.60	180W	165W/200W	DDR4-3200
AMD 73F3 100-0000000321	Milan	SP3	PR	256MB	16 / 32	3.50	4.00	240W	225W/240W	DDR4-3200
AMD 7343 100-0000000338	Milan	SP3	PR	128MB	16 / 32	3.20	3.90	190W	165W/200W	DDR4-3200
AMD 7313 100-0000000329	Milan	SP3	PR	128MB	16 / 32	3.00	3.70	155W	155W/180W	DDR4-3200
AMD 72F3 100-0000000327	Milan	SP3	PR	256MB	8 / 16	3.70	4.10	180W	165W/200W	DDR4-3200

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
RDIMM										
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
M393A8G40AB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFD8293.18FE1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT16G4RFD8293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ.2G9E1UG	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA18ASF2G72PDZ.2G9E1VG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
MTA9ASF2G72PZ-2G9E1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293-2G9E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
CT32G4RFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2VG	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin
MTA36ASF4G72PZ.2G9E2UG	DDR4	Micron	32GB	Micron-Rambus	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

HMAA8GR7MJR4N-WM T4	DDR4	SKhynix	64GB	SKhynix-Montage	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
HMA84GR7DJR4N-XN T4	DDR4	SKhynix	32GB	SKhynix-Montage	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
HMAA8GR7CJR4N-XN T4	DDR4	SKhynix	64GB	SKhynix-Montage	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
CT16G4RFD832A-3G2E1.001	DDR4	Crucial	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PDZ-3G2E1UK	DDR4	Micron	16GB	Micron-Rambus	2Rx8	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-3G2E2TI	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PDZ-3G2J3UI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PDZ-3G2R1TI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PDZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF2G72PDZ-3G2R1VI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2B2TI	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF4G72PZ-3G2J3UI	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2E1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2E1TI	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA18ASF4G72PDZ-3G2E1V1	DDR4	Micron	32GB	Micron	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
MTA36ASF8G72PZ-3G2E1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A2K43DB3-CWEBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
M393A2K40DB3-CWEGQ	DDR4	Samsung	16GB	Samsung-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A2K40DB3-CWEBQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A2K40DB3-CWECQ	DDR4	Samsung	16GB	Samsung-	1Rx4	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-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-CWEBY	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
M393A8G40AB2-CWEBQ	DDR4	Samsung	64GB	Samsung-IDT	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
TR416G32S422-XNC	DDR4	V-color	16GB	SKhynix-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin
KSM32RS8/16MER	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
AD4R3200316G22-BSSC	DDR4	ADATA	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin
AD4R3200716G22-BHYA	DDR4	ADATA	16GB	SKhynix-Montage	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin

LRDIMM

M386A8K40CM2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	4DRx4	1.2v	2933MHz	ECC Registered	21	288-pin
M386AAG40MMB-CVFC0	DDR4	Samsung	128GB	Samsung	4DRx4	1.2v	2933MHz	ECC Registered	21	288-pin
M386A8K40DM2-CWELQ	DDR4	Samsung	64GB	Samsung-IDT	4DRx4	1.2v	3200MHz	ECC Registered	22	288-pin

**HDD (If the system build-in with RAID card ,please refer to RAID card QVL list)**

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption
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Seagate Enterprise Capacity 2.5 HDD

ST2000NX0243	SATA	Seagate	2.5"	4Kn	2TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB	7200	N/A
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Seagate Enterprise Capacity 3.5 HDD

ST10000NM0016	SATA	Seagate	3.5"	512e	10TB	6Gb/s	Exos X10 (Enterprise Capacity V.6)	256MB	7200	N/A
ST14000NM0018	SATA	Seagate	3.5"	512e	14TB	6Gb/s	Exos X14 (Enterprise Capacity)	256MB	7200	N/A
ST8000NM000A	SATA	Seagate	3.5"	512e	8TB	6Gb/s	EXOS 7E8	256MB	7200	N/A
ST16000NM001G	SATA	Seagate	3.5"	512e/4Kn	16TB	6Gb/s	EXOS X16	256MB	7200	N/A
ST10000NM017B	SATA	Seagate	3.5"	512e	10TB	6Gb/s	EXOS 7E10	256MB	7200	N/A

WD Enterprise Hard Drives

WUS721010ALE6L4	SATA	WD	3.5"	512e	10TB	6Gb/s	Ultrastar® DC HC330	256MB	7200	N/A
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Toshiba Enterprise Hard Drives

MG06ACA10TE	SATA	Toshiba	3.5"	512e	10TB	6Gb/s	Capacity	256MB	7200	N/A
MG07ACA14TE	SATA	Toshiba	3.5"	512e	14TB	6Gb/s	Capacity	256MB	7200	N/A

SATA/SAS SSD

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note		
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SATA SSD

MTFDDAK1T9TDN-1AT1ZABYY (5200 MAX)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s				
MTFDDAK3T8TDS-1AW1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	3.84TB	6Gb/s				
MTFDDAK1T9TDS-1AW1ZABYY (5300 PRO)	SSD	Micron	2.5"	SATA	1.92TB	6Gb/s				
MZ-7LH1T9NE 883 DCT Series	SSD	Samsung	2.5"	SATA	1.92TB	6Gb/s				
SSDSC2KG019T8 D3-S4610 Series	SSD	Intel	2.5"	SATA	1.92TB	6Gb/s				
SSDSC2KB019T8 D3-S4510 Series	SSD	Intel	2.5"	SATA	1.92TB	6Gb/s				
XA960LE10063	SSD	Seagate	2.5"	SATA	960GB	6Gb/s				
XA480LE10063	SSD	Seagate	2.5"	SATA	480GB	6Gb/s				
SRE100-960G00210000	SSD	Phison	2.5"	SATA	960GB	6Gb/s				
SRE100-480G00210000	SSD	Phison	2.5"	SATA	480GB	6Gb/s				
SSB240GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	240GB	6Gb/s				
SSB480GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	480GB	6Gb/s				
SSB960GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	960GB	6Gb/s				
SSB1K9GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	1.92TB	6Gb/s				

PCIe SSD

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note			
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PCIe SSD

Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB	PCIe	Samsung	PCI-E 3.0	PCIe(NVMe)	3.2TB	PCIe Gen3 x8				
Netlist N1951 E3 NS1951AH33T2 Gen3 x8 3.2TB	PCIe	Netlist	PCI-E 3.0	PCIe(NVMe)	3.2TB	PCIe Gen3 x8				

M.2

Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note			
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M.2

SSDPELKX010T801 P4511 Series 1TB	M.2	Intel	22110	PCIe(NVMe)	1TB	PCIe Gen3 x4			
MZ-1LB1T9N 983 DCT Series	M.2	Samsung	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4			
AF960GSTJA-YT1 ATP 960GB	M.2	ATP	2280	PCIe(NVMe)	960GB	PCIe Gen3 x4			
EPX-KW960 EPX Series	M.2	LITE-ON	22110	PCIe(NVMe)	960GB	PCIe Gen3 x4			
MTFDHBA960TDF 960GB 7300 Pro Series	M.2	Micron	2280	PCIe(NVMe)	960GB	PCIe Gen3 x4			
IM2P33F8-256GD1	M.2	ADATA	2280	PCIe(NVMe)	256GB	PCIe Gen3 x4			
IM2P33F8-512GD1	M.2	ADATA	2280	PCIe(NVMe)	512GB	PCIe Gen3 x4			
CA6-8D1024 CA6 Series	M.2	SSSTC	2280	PCIe(NVMe)	1TB	PCIe Gen4 x4			

**M.2 Expansion PCIe Card**

Product Name	Type	Vendor	Form Factor	Interface	Max. Channels	Interface Speed	Note
CMT4034	PCIe	Gigabyte	22110	PCIe(NVMe)	4	PCIe Gen3 x16	-

**RAID Cards**

Product Name	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note
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**GIGABYTE Storage Cards**

CRA3338	LSI SAS 3008	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
CSA3548	LSI SAS 3008	PCIe Gen3 x8	-	-	8	2 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port	
CRA4448	LSI SAS 3108	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
CRAO438	LSI SAS 3108	OCPC PCIe Gen3 x8	8	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
CRAO338	LSI SAS 3008	OCPC PCIe Gen3 x8	8	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
CRAO358	LSI SAS 3008	OCPC PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	
CRAO558	LSI SAS 3108	OCPC PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	

**LSI RAID Controller Cards**

MegaRAID SAS 9460-16i without Tri-mode	SAS3516 dual-core RAID-on-Chip (ROC)	PCIe Gen3 x8	8	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
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**LSI Host Bus Adapters (HBAs)**

LSI SAS 9300-8e	SAS3008	PCIe Gen3 x8	-	-	-	8 2 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port	
LSI SAS 9400-8i without Tri-mode	SAS3408	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
LSI SAS 9400-16i without Tri-mode	SAS3416	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	

**Microsemi RAID Cards**

SmartRAID 3154-16i	PM8236	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port			
Microsemi Host Bus Adapters										
SmartHBA 2100-8i	PM8222	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port			
LSI Tri-mode card										
MegaRAID SAS 9460-16i with Tri-mode	SAS3516 dual-core RAID-on-Chip (ROC)	PCIe Gen3 x8	8	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port			
LSI SAS 9400-8i with Tri-mode	SAS3408	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port			
LSI SAS 9400-16i with Tri-mode	SAS3416	PCIe Gen3 x8	16	4 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port			
<b>LAN Cards</b>										
Product Name	Connector	System Interface Type	# of Ports	Data Rate	Note					
GIGABYTE LAN Cards										
CLNO832	SFP+	OCPC PCIe Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES Support OCP 2.0 type1					
CLNOQ42	SFP28	OCPC PCIe Gen3 x8	Dual	25Gb/s per port	Qlogic (Cavium) QL41401-A2G Support OCP 2.0					
CLNO222	RJ-45	OCPC PCIe Gen3 x4	Dual	10Gb/s per port	INTEL X550-AT2 Support OCP 2.0 type1					
CLN4831	SFP+	PCIe Gen2 x8	Single	10Gb/s per port	INTEL 82599EN					
CLN4832	SFP+	PCIe Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES					
CLN4751	QSFP+	PCIe Gen3 x8	Single	40Gb/s per port	INTEL XL710					
CLN4752	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	INTEL XL710					
CLN4224	RJ-45	PCIe Gen3 x4	Quad	10Gb/s per port	INTEL X550-AT2					
CLN4C42	SFP28	PCIe Gen3 x16	Dual	25Gb/s per port	Mellanox ConnectX-4					
CLN4M34	SFP28	PCIe Gen3 x16	Quad	10Gb/s per port	Mellanox ConnectX-4					
Intel_10GbE										
Intel® Ethernet Converged Network Adapter X710-DA4	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port						
Intel® Ethernet Network Adapter X722-DA4	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port						
Intel® Ethernet Converged Network Adapter X710-DA2	SFP+	PCIe Gen3 x8	Dual	10Gb/s per port						
Intel_25GbE										
Intel® Ethernet Network Adapter E810-XXVDA2 for OCP	SFP28	OCPC PCIe Gen4 x8	Dual	25Gb/s per port	Support OCP 3.0					
Intel® Ethernet Network Adapter E810-XXVDA4	SFP28	PCIe Gen4 x16	Quad	25Gb/s per port						
Intel® Ethernet Network Adapter XXV710-DA2 for OCP	SFP28	OCPC PCIe Gen3 x8	Dual	25Gb/s per port	Support OCP 2.0 type1					
Intel® Ethernet Network Adapter XXV710-DA2	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port						
Intel_40GbE										

Intel® Ethernet Server Adapter XL710-QDA2 for OCP	QSFP+	OCPP PCIe Gen3 x8	Dual	40Gb/s per port	Support OCP 2.0
Intel® Ethernet Converged Network Adapter XL710-QDA2	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	
Intel_100GbE					
Intel® Ethernet Network Adapter E810-CQDA2 for OCP	QSFP28	OCPP PCIe Gen4 x16	Dual	100Gb/s per port	Support OCP 3.0
Intel® Ethernet Network Adapter E810-CQDA2	QSFP28	PCIe Gen4 x16	Dual	100Gb/s per port	
Mellanox ConnectX					
MCX631102AN-ADAT	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port	ConnectX@-6 Lx without Crypto
MCX631432AN-ADAB	SFP28	OCPP PCIe Gen4 x8	Dual	25Gb/s per port	ConnectX@-6 Lx without Crypto / Support OCP 3.0
MCX613106A-VDAT	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 EN
MCX565M-CDAB	QSFP28	OCPP PCIe Gen4 x16	Single	100Gb/s per port	ConnectX@-5 Ex Multi-Host / Support OCP 3.0
MCX566A-CDAI	QSFP28	OCPP PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex EN / Support OCP 3.0
MCX516A-CDAT	QSFP28	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex EN
MCX516A-BDAT	QSFP28	PCIe Gen4 x16	Dual	40Gb/s per port	Mellanox ConnectX-5 Ex EN
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
MCX516A-GCAT	QSFP28	PCIe Gen3 x16	Dual	50Gb/s per port	Mellanox ConnectX-5 EN
MCX4421A-ACQN	SFP28	OCPP PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN / Support OCP 2.0
MCX4121A-ACAT	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN
MCX4121A-XCAT	SFP28	PCIe Gen3 x8	Dual	10Gb/s per port	Mellanox ConnectX-4 Lx EN
Mellanox VPI Adapter Cards					
MCX654106A-HCAT	QSFP56	PCIe Gen3 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand) PCIe3.0 x16 + PCIe3.0x16 aux. card Socket Direct
MCX653436A-HDAI	QSFP56	OCPP PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand) / OCP3.0
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)
MCX556A-EDAT	QSFP28	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex VPI (InfiniBand)
MCX555A-ECAT	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)
MCX556A-ECAT	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 VPI (InfiniBand)
QL45611HLCU	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port	
QLE3442-RJ-CK	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	



Broadcom (Emulex) Ethernet Networking Adapters

BCM957508-P2100G	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	BCM57508
BCM957414A4142CC	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414
BCM957508-N2100G	QSFP56	<b>OCF</b> PCIe 4.0	Dual	100Gb/s per port	BCM57508 / Support <b>OCF 3.0</b>
BCM957504-N425G	SFP28	<b>OCF</b> PCIe 4.0	Quad	25Gb/s per port	BCM57504 / Support <b>OCF 3.0</b>
BCM957414N4140C	SFP28	<b>OCF</b> PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414 / Support <b>OCF 3.0</b>
BCM957416N4160C	RJ-45	<b>OCF</b> PCIe Gen3 x8	Dual	10Gb/s per port	BCM57416 / Support <b>OCF 3.0</b>
BCM957412N4120C	SFP+	<b>OCF</b> PCIe Gen3 x8	Dual	10Gb/s per port	BCM57412 / Support <b>OCF 3.0</b>
BCM957414M4142C	SFP28	<b>OCF</b> PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414 / Support OCP 2.0 type1
BCM957416A4160C	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 (P210TP)
BCM957416M4163C	RJ-45	<b>OCF</b> PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 / Support OCP 2.0 (M210TP)

Broadcom FC Host Bus Adapter

LPe32002-M2	SFP+	PCIe Gen3 x8	Dual	32Gb/s per port	XE501 controller
LPe31002-M6	SFP+	PCIe Gen3 x8	Dual	16Gb/s per port	XE501 controller

USB Device

Product Name	Type	Vendor	Capacity	Note					
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USB 3.0

PURE CLASSIC X176B1FWBO75	HDD	Gigabyte	500G						
GoFlex STAA500305	HDD	Seagate	500G						
TOSHIBA CANVIO BASIC	HDD	Toshiba	500G						
NA317U+	Device	ineo							
SST-TS13	Device	Silver Stone							
S1-DS3-Plus	Device	CyberSLIM							
MB981U3-1S	Device	ICYDOCK							
i310-SB3(6G)	Device	STARDOM							