

"R282-3C0" Qualification Vender List

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
Intel® Xeon® Processor Platinum 8380	IceLake	QXC0	D1	60MB	11.2GT/s	40	2.3 GHz	3.4 GHz
Intel® Xeon® Processor Platinum 8368	IceLake	QWLL	D1	57MB	11.2GT/s	38	2.4 GHz	3.4 GHz
Intel® Xeon® Processor Platinum 8360Y	IceLake	QXBZ	D1	54MB	11.2GT/s	36	2.4 GHz	3.5 GHz
Intel® Xeon® Processor Platinum 8362	IceLake			48MB	11.2GT/s	32	2.80 GHz	3.60 GHz
Intel® Xeon® Processor Platinum 8358	IceLake	QWMU		48MB	11.2GT/s	32	2.6 GHz	3.4 GHz
Intel® Xeon® Processor Platinum 8358P	IceLake	QXCM	D1	48MB	11.2GT/s	32	2.6 GHz	3.4 GHz
Intel® Xeon® Processor Platinum 8352Y	IceLake	QWM3	D1	48MB	11.2GT/s	32	2.2 GHz	3.4 GHz
Intel® Xeon® Processor Platinum 8352V	IceLake	SRK32	D2	54MB	11.2GT/s	36	2.1 GHz	3.5 GHz
Intel® Xeon® Processor Platinum 8352M	IceLake	QXZ0	D2	48MB	11.2GT/s	32	2.30 GHz	3.50 GHz
Intel® Xeon® Processor Gold 6346	IceLake	QWMD	D1	36MB	11.2GT/s	16	3.1 GHz	3.6 GHz
Intel® Xeon® Processor Gold 6342	IceLake	QXRU	M1	36MB	11.2GT/s	24	2.80 GHz	3.50 GHz
Intel® Xeon® Processor Gold 6338	IceLake	QWN3	D1	48MB	11.2GT/s	32	2.0 GHz	3.2 GHz
Intel® Xeon® Processor Gold 6338N	IceLake	QWM6	D1	48MB	11.2GT/s	32	2.2 GHz	3.5 GHz
Intel® Xeon® Processor Gold 6338T	IceLake	QXS3	M1	36MB	11.2GT/s	24	2.10 GHz	3.40 GHz
Intel® Xeon® Processor Gold 6336Y	IceLake	QXRV	M1	36MB	11.2GT/s	24	2.40 GHz	3.60 GHz
Intel® Xeon® Processor Gold 6334	IceLake	QXRQ	M1	18MB	11.2GT/s	8	3.60 GHz	3.70 GHz
Intel® Xeon® Processor Gold 6330	IceLake	QWMC	D1	42MB	11.2GT/s	28c	2.0 GHz	3.1 GHz
Intel® Xeon® Processor Gold 6330N	IceLake	QWLP	D1	42MB	11.2GT/s	28	2.2 GHz	3.4 GHz
Intel® Xeon® Processor Gold 6326	IceLake	QXS7	M1	24MB	11.2GT/s	16	2.90 GHz	3.50 GHz
Intel® Xeon® Processor Gold 5320T	IceLake	QXS6	M1	30MB	11.2GT/s	20	2.30 GHz	3.50 GHz
Intel® Xeon® Processor Gold 5320	IceLake	QXRT	M1	39MB	11.2GT/s	26	2.20 GHz	3.40 GHz
Intel® Xeon® Processor Gold 5318Y	IceLake	QXS2	M1	36MB	11.2GT/s	24	2.10 GHz	3.40 GHz
Intel® Xeon® Processor Gold 5318S	IceLake	QXRX	M1	36MB	11.2GT/s	24	2.10 GHz	3.40 GHz
Intel® Xeon® Processor Gold 5318N	IceLake	QXS4	M1	36MB	11.2GT/s	24	2.10 GHz	3.40 GHz
Intel® Xeon® Processor Gold 5317	IceLake	QXRM	M1	18MB	11.2GT/s	12	3.00 GHz	3.60 GHz
Intel® Xeon® Processor Gold 5315Y	IceLake	QXRR	M1	12MB	11.2GT/s	8	3.20 GHz	3.60 GHz
Intel® Xeon® Processor Silver 4316	IceLake	QXS5	M1	30MB	10.4GT/s	20	2.30 GHz	3.40 GHz
Intel® Xeon® Processor Silver 4314	IceLake	QXS8	M1	24MB	11.2GT/s	16	2.40 GHz	3.40 GHz
Intel® Xeon® Processor Silver 4310T	IceLake	QXRP	M1	15MB	11.2GT/s	10	2.30 GHz	3.40 GHz
Intel® Xeon® Processor Silver 4310	IceLake	QXRN	M1	18MB	10.4GT/s	12	2.10 GHz	3.30 GHz
Intel® Xeon® Processor Silver 4309Y	IceLake	QXRS	M1	12MB	11.2GT/s	8	2.80 GHz	3.60 GHz

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
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RDIMM								
M393A2K43DB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered
M393A8G40AB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered
MTA9ASF2G72PZ-2G9E1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	2933MHz	ECC Registered
CT32G4RFD4293.2G9E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered
CT32G4RFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered
MTA36ASF4G72PZ-2G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered
MTA36ASF4G72PZ-2G9E2VG	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered
MTA36ASF4G72PZ-2G9E2UG	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	2933MHz	ECC Registered
HMA82GR7DJR8N-XN T8	DDR4	SKhynix	16GB	SKhynix-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
HMA82GR7DJR8N-XN TG	DDR4	SKhynix	16GB	SKhynix -IDT	2Rx8	1.2v	3200MHz	ECC Registered
HMAA8GR7CJR4N-XN T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	3200MHz	ECC Registered
HMAA8GR7CJR4N-XN TG	DDR4	SKhynix	64GB	SKhynix-IDT	2Rx4	1.2v	3200MHz	ECC Registered
HMAA8GR7CJR4N-XN T8	DDR4	SKhynix	64GB	SKhynix-Rambus	2Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PZ-3G2E2TI	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PDZ-3G2R1TI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered

MTA18ASF2G72PDZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PDZ-3G2R1VI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PDZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
MTA36ASF4G72PZ-3G2J3UI	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered
MTA36ASF4G72PZ-3G2R1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PDZ-3G2F1VI	DDR4	Micron	32GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PDZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PZ-3G2F1TI	DDR4	Micron	32GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
MTA36ASF8G72PZ-3G2F1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered
M393A2K43EB3-CWEBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered
M393A4K40DB3-CWECQ	DDR4	Samsung	32GB	Samsung-Montage	2Rx4	1.2v	3200MHz	ECC Registered
M393A4K40DB3-CWEBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered
M393A4K40DB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	2Rx4	1.2v	3200MHz	ECC Registered
M393A8G40AB2-CWEBQ	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered
KSM32RS4/32MER	DDR4	Kingston	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
AD4R3200716G22-BHYA	DDR4	ADATA	16GB	SKhynix-Montage	1Rx8	1.2v	3200MHz	ECC Registered
M393A4G40BB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
M393A4K40EB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	2Rx4	1.2v	3200MHz	ECC Registered
M393A4K40EB3-CWECQ	DDR4	Samsung	32GB	Samsung-Montage	2Rx4	1.2v	3200MHz	ECC Registered

M393A4K40EB3-CWEBY	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered
M393A8G40BB4-CWEBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered
M393AAG40M32-CAEBQ	DDR4	Samsung	128GB	Samsung	2S2Rx4	1.2v	3200MHz	ECC Registered
M393AAG40M32-CAEBY	DDR4	Samsung	128GB	Samsung	2S2Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PZ-3G2R1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF2G72PZ-3G2R1TI	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PZ-3G2F1TI	DDR4	Micron	32GB	Micron-Montage	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	1Rx4	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PDZ-3G2F1VI	DDR4	Micron	32GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered
MTA18ASF4G72PDZ-3G2F1UI	DDR4	Micron	32GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
MTA9ASF1G72PZ-3G2R1VI	DDR4	Micron	8GB	Micron-IDT	1Rx8	1.2v	3200MHz	ECC Registered
MTA36ASF8G72PZ-3G2F1VI	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered
MTA9ASF2G72PZ-3G2F1UI	DDR4	Micron	16GB	Micron-Rambus	1Rx8	1.2v	3200MHz	ECC Registered
KSM32RD8/16MRR	DDR4	Kingston	16GB	Micron-Rambus	2Rx8	1.2v	3200MHz	ECC Registered
KSM32RD4/32MRR	DDR4	Kingston	32GB	Micron-Rambus	2Rx4	1.2v	3200MHz	ECC Registered

LRDIMM

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

Intel Optane™ Persistent Memory 200 Series (Barlow PASS) **Due to thermal limitaiton, please mark as orange color if test pass**

NMB1XBD128GQS QVSN	DDR-T	Intel	128GB				3200MHz	
NMB1XBD256GQS QVSP	DDR-T	Intel	256GB				3200MHz	
NMB1XBD512GQS QV SQ	DDR-T	Intel	512GB				3200MHz	

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
Seagate Enterprise Capacity 2.5 HDD								
ST2000NX0243	SATA	Seagate	2.5"	4Kn	2TB	6Gb/s	Exos 7E2000 (Enterprise Capacity V.3)	128MB
Seagate Enterprise Capacity 3.5 HDD								
ST10000NM0016	SATA	Seagate	3.5"	512e	10TB	6Gb/s	Exos X10 (Enterprise Capacity V.6)	256MB
ST14000NM0018	SATA	Seagate	3.5"	512e	14TB	6Gb/s	Exos X14 (Enterprise Capacity)	256MB
ST16000NM001G	SATA	Seagate	3.5"	512e/4Kn	16TB	6Gb/s	EXOS X16	256MB
ST16000NM001G	SATA	Seagate	3.5"	512e/4Kn	16TB	6Gb/s	EXOS X16	256MB
ST18000NM000J	SATA	Seagate	3.5"	512e/4Kn	18TB	6Gb/s	EXOS X18	256MB
ST20000NM007D	SATA	Seagate	3.5"	512e/4Kn	20TB	6Gb/s	EXOS X20	256MB
ST10000NM017B	SATA	Seagate	3.5"	512e	10TB	6Gb/s	EXOS 7E10	256MB
WD Enterprise Hard Drives								
WUS721010ALE6L4	SATA	WD	3.5"	512e	10TB	6Gb/s	Ultrastar® DC HC330	256MB
Toshiba Enterprise Hard Drives								
MG08ADA800E	SATA	Toshiba	3.5"	512e	8TB	6Gb/s	MG08-D	256MB
MG09ACA18TE	SATA	Toshiba	3.5"	512e	18TB	12Gb/s	MG09	256MB
MG07ACA14TE	SATA	Toshiba	3.5"	512e	14TB	6Gb/s	Capacity	256MB
SATA/SAS SSD								
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	
SATA SSD								
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		
SSB1K9GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	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		
MZ7L3480HCHQ-00A07 PM893 Series	SSD	Samsung	2.5"	SATA	480GB	6Gb/s		
MZ7L33T8HBLT-00A07 PM893 Series	SSD	Samsung	2.5"	SATA	3.84TB	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		
SSB1K9GTLCG-D2-SME520GBT ESM1220 Series	SSD	Phison	2.5"	SATA	1.92TB	6Gb/s		
KHK61RSE960G	SSD	Toshiba	2.5"	SATA	960GB	6Gb/s		
PCIe SSD								
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed		

Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB	PCIe	Samsung	PCI-E 3.0	PCIe(NVMe)	3.2TB	PCIe Gen3 x8	
U.2							
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	
U.2 (VROC support)							
SSDPE2KE032T801 P4610 Series	U.2	Intel	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
SSDPE2KX020T801 P4510 Series	U.2	Intel	2.5"	SFF8639(NVMe)	2TB	PCIe Gen3 x4	
U.2							
WUS4CB032D7P3E3 Ultrastar DC SN640 Series	U.2	WD	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
DPRD3104T0T503T8 R5100 Series	U.2	DapuStor	2.5"	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
PWFX100 3.2TB	U.2	PHISON	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
SSDPF2NV153TZ D5-P5316 Series	U.2	Intel	2.5"	SFF8639(NVMe)	15.35TB	PCIe Gen4 x4	
SSDPE2KE032T801 P4610 Series	U.2	Intel	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
SSDPE2KX020T801 P4510 Series	U.2	Intel	2.5"	SFF8639(NVMe)	2TB	PCIe Gen3 x4	
MZQLW1T9HMJP PM963 Series	U.2	Samsung	2.5"	SFF8639(NVMe)	1.92TB	PCIe Gen3 x4	
MTFDHBE960TDF 7300 Pro Series	U.2	Micron	2.5"	SFF8639(NVMe)	960GB	PCIe Gen3 x4	MTFDHBE960TDF-1AW4ZABYY
KCD51LUG960G CD5 Series	U.2	KIOXIA	2.5"	SFF8639(NVMe)	960GB	PCIe Gen3 x4	
PS5012-E12	U.2	PHISON	2.5"	SFF8639(NVMe)	1.92TB	PCIe Gen3 x4	
PWFX100 3.2TB	U.2	PHISON	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
WUS4C6432DSP3X Ultrastar DC SN840 Series	U.2	WD	2.5"	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
U.3							
KCM61RUL3T84 CM6-R Series	U.3	KIOXIA	2.5"	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
MTFDKCB7T6TDZ 7400 Pro Series	U.3	Micron	2.5"	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	
KCD6XLUL3T84 CD6-R Series	U.3	KIOXIA	2.5"	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
SATA DOM							
Product Name	Type	Vendor	Capacity	Flash Type	Max. Channels	Max. Power Consumption	
SATA III							
Innodisk SATADOM-SL 3ME4 DESSL-64GM41BC1SCB	Vertical	INNODISK	64GB	MLC	1	0.734 W	
Innodisk SATADOM-SL 3ME4 DESSL-A28M41BCADCB-D33	Vertical	INNODISK	128GB	MLC	1	1.02 W	
Innodisk SATADOM-ML 3ME4 DESML-64GM41BCADCB	Vertical	INNODISK	64GB	MLC	2	0.815 W	
Innodisk SATADOM-SH TYPE C 3ME4 DESSC-64GM41BC1SCB	Horizontal	INNODISK	64GB	MLC	1	0.626 W	
RAID Cards							
Product Name	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates
GIGABYTE Storage Cards							
CSA3548	LSI SAS 3008	PCIe Gen3 x8	-	-	8	2 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port
CRA4548	LSI SAS 3108	PCIe Gen3 x8	4	2 x Mini-SAS HD SFF-8643	4	1 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port

CRA4648	LSI SAS 3108	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	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	OC P PCIe Gen3 x8	8	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
CRAO358	LSI SAS 3008	OC P PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	
CRAO558	LSI SAS 3108	OC P PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	
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	
CRA4548	LSI SAS 3108	PCIe Gen3 x8	4	2 x Mini-SAS HD SFF-8643	-	4 1 x Mini-SAS HD SFF-8644	Up to 12Gb/s per port	
CRA4648	LSI SAS 3108	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	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	OC P PCIe Gen3 x8	8	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
CRAO338	LSI SAS 3008	OC P PCIe Gen3 x8	8	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
CRAO358	LSI SAS 3008	OC P PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	
CRAO558	LSI SAS 3108	OC P PCIe Gen3 x8	4	1 x4 SlimSAS SFF-8654	-	1 x OCuLink port	Up to 12Gb/s per port	
LSI RAID Controller Cards								
MegaRAID 9560-16i without Tri-mode	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
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 9500-16i without Tri-mode	SAS3816	PCIe Gen4 x8	16	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
LSI SAS 9500-16e without Tri-mode	SAS3816	PCIe Gen4 x8	-	-	-	16 4 x4 SFF-8644	Up to 12Gb/s per port	
LSI NVMe Switch Adapter								
P411W-32P	PEX88048	PCIe Gen4 x16	8 x4, 16 x2, or 32 x1 NVMe SSD connect	4 x8 SlimSAS SFF-8654	-	-		
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 9560-16i with Tri-mode	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 x8 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	

LAN Cards

Product Name	Connector	System Interface Type	# of Ports	Data Rate	
GIGABYTE LAN Cards					
CLNO832	SFP+	OCF PCIe Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES Support OCP 2.0 type1
CLNOQ42	SFP28	OCF PCIe Gen3 x8	Dual	25Gb/s per port	Qlogic (Cavium) QL41401-A2G Support C
CLNO222	RJ-45	OCF 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
CLN4121	RJ-45	PCIe Gen3 x4	Single	10Gb/s per port	INTEL X550-AT
CLN4222	RJ-45	PCIe Gen3 x4	Dual	10Gb/s per port	INTEL X550-AT2
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
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
Intel_10GbE					
Intel® Ethernet Network Adapter X722-DA4	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	
Intel_25GbE					
Intel® Ethernet Network Adapter E810-XXVDA4	SFP28	PCIe Gen4 x16	Quad	25Gb/s per port	
Intel® Ethernet Network Adapter XXV710-DA2 for OCP	SFP28	OCF 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 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	OCF 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

MCX565M-CDAB	QSFP28	OCF PCIe Gen4 x16	Single	100Gb/s per port	ConnectX@-5 Ex Multi-Host / Support OC
MCX623432AN-ADAB	SFP28	OCF PCIe Gen4 x16	Dual	25Gb/s per port	ConnectX@-6 Dx No Crypto, No Secure B
MCX566A-CDAI	QSFP28	OCF PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 Ex EN / Support OC
MCX516A-CDAT	QSFP28	PCIe Gen4 x16	Dual	100Gb/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
Mellanox VPI Adapter Cards					
MCX653106A-HDAT	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX653436A-HDAI	QSFP56	OCF 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)
(Mellanox) NVIDIA BlueField-2 DPU Cards					
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
BCM957504-N1100G	QSFP56	OCF PCIe 4.0	Single	100Gb/s per port	BCM57508 / Support OCF 3.0
BCM957508-N2100G	QSFP56	OCF PCIe 4.0	Dual	100Gb/s per port	BCM57508 / Support OCF 3.0
BCM957414M4142C	SFP28	OCF PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414 / Support OCF 2.0 type1
<u>BCM957416A4160C</u>	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 (P210TP)
<u>BCM957416M4163C</u>	RJ-45	OCF PCIe Gen3 x8	Dual	10Gb/s per port	BCM5741 / Support OCF 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				
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						