GIGABYTE™

Qualification Vendor List

Intel CPU

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types	Note
Sapphire Rapids											

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types	Note
Intel® Xeon® Gold 5411N Processor	Intel	Sapphire Rapids	Q27X	S-3	45	24	1.9	3.9	165	4400	
Intel® Xeon® Gold 5412U Processor	Intel	Sapphire Rapids	Q27H	S-3	45	24	2.1	3.9	185	4400	
Intel® Xeon® Gold 5415+ Processor	Intel	Sapphire Rapids	Q27C	S-3	22.5	8	2.9	4.1	150	4400	
Intel® Xeon® Gold 5416S Processor	Intel	Sapphire Rapids	Q281	S-3	30	16	2	4	150	4400	
Intel® Xeon® Gold 5418N Processor	Intel	Sapphire Rapids	Q27W	S-3	45	24	1.8	3.8	165	4000	
Intel® Xeon® Gold 5418Y Processor	Intel	Sapphire Rapids	Q27G	S-3	45	24	2	3.8	185	4400	
Intel® Xeon® Gold 5420+ Processor	Intel	Sapphire Rapids	Q27K	S-3	52.5	28	2	4.1	205	4400	
Intel® Xeon® Gold 6414U Processor	Intel	Sapphire Rapids	Q234	E-5	60	32	2	3.4	250	4800	
Intel® Xeon® Gold 6416H Processor	Intel	Sapphire Rapids	Q27Q	S-3	45	18	2.2	4.2	165	4800	
Intel® Xeon® Gold 6418H Processor	Intel	Sapphire Rapids	Q27R	S-3	60	24	2.1	4	185	4800	
Intel® Xeon® Gold 6421N Processor	Intel	Sapphire Rapids	Q27Z	S-3	60	32	1.8	3.6	185	4800	
Intel® Xeon® Gold 6426Y Processor	Intel	Sapphire Rapids	Q27E	S-3	37.5	16	2.5	4.1	185	4800	
Intel® Xeon® Gold 6428N Processor	Intel	Sapphire Rapids	Q27Y	S-3	60	32	1.8	3.8	185	4800	
Intel® Xeon® Gold 6430 Processor	Intel	Sapphire Rapids	Q23B	E-5	60	32	2.1	3.4	270	4400	
Intel® Xeon® Gold 6434 Processor	Intel	Sapphire Rapids	Q273	S-3	22.5	8	3.7	4.1	195	4800	
Intel® Xeon® Gold 6434H Processor	Intel	Sapphire Rapids	Q27P	S-3	22.5	8	3.7	4.1	195	4800	
Intel® Xeon® Gold 6438M Processor	Intel	Sapphire Rapids	Q282	S-3	60	32	2.2	3.9	205	4800	
Intel® Xeon® Gold 6438N Processor	Intel	Sapphire Rapids	Q280	S-3	60	32	2	3.6	205	4800	
Intel® Xeon® Gold 6438Y+ Processor	Intel	Sapphire Rapids	Q27L	S-3	60	32	2	4	205	4800	
Intel® Xeon® Gold 6442Y Processor	Intel	Sapphire Rapids	Q27J	S-3	60	24	2.6	4	225	4800	
Intel® Xeon® Gold 6444Y Processor	Intel	Sapphire Rapids	Q27T	S-3	45	16	3.6	4	270	4800	
Intel® Xeon® Gold 6448H Processor	Intel	Sapphire Rapids	Q27S	S-3	60	32	2.4	4.1	250	4800	
Intel® Xeon® Gold 6448Y Processor	Intel	Sapphire Rapids	Q27M	S-3	60	32	2.1	4.1	225	4800	
Intel® Xeon® Gold 6454S Processor	Intel	Sapphire Rapids	Q23C	E-5	60	32	2.2	3.4	270	4800	
Intel® Xeon® Max 9460 Processor	Intel	Sapphire Rapids HBM	Q2HS	B-3	97.5	40	2.2	3.5	350	4800	
Intel® Xeon® Max 9462 Processor	Intel	Sapphire Rapids HBM	Q2HR	B-3	75	32	2.7	3.5	350	4800	
Intel® Xeon® Max 9468 Processor	Intel	Sapphire Rapids HBM	Q2HT	B-3	105	48	2	3.5	350	4800	
Intel® Xeon® Platinum 8444H Processor	Intel	Sapphire Rapids	Q23W	E-5	45	16	2.9	4	270	4800	
Intel® Xeon® Platinum 8450H Processor	Intel	Sapphire Rapids	Q244	E-5	75	28	2	3.5	250	4800	
Intel® Xeon® Platinum 8452Y Processor	Intel	Sapphire Rapids	Q246	E-5	67.5	36	2	3.2	300	4800	
Intel® Xeon® Platinum 8454H Processor	Intel	Sapphire Rapids	Q23R	E-5	82.5	32	2.1	3.4	270	4800	
Intel® Xeon® Platinum 8458P Processor	Intel	Sapphire Rapids	Q23F	E-5	82.5	44	2.7	3.8	350	4800	
Intel® Xeon® Platinum 8460H Processor	Intel	Sapphire Rapids	Q23V	E-5	105	40	2.2	3.8	330	4800	
Intel® Xeon® Platinum 8460Y+ Processor	Intel	Sapphire Rapids	Q238	E-5	105	40	2	3.7	300	4800	
Intel® Xeon® Platinum 8461V Processor	Intel	Sapphire Rapids	Q23E	E-5	97.5	48	2.2	3.7	300	4800	
Intel® Xeon® Platinum 8462Y+ Processor	Intel	Sapphire Rapids	Q27N	S-3	60	32	2.8	4.1	300	4800	
Intel® Xeon® Platinum 8468 Processor	Intel	Sapphire Rapids	Q237	E-5	105	48	2.1	3.8	350	4800	
Intel® Xeon® Platinum 8468H Processor	Intel	Sapphire Rapids	Q242	E-5	105	48	2.1	3.8	330	4800	
Intel® Xeon® Platinum 8468V Processor	Intel	Sapphire Rapids	Q23D	E-5	97.5	48	2.4	3.8	330	4800	
Intel® Xeon® Platinum 8470 Processor	Intel	Sapphire Rapids	Q236	E-5	105	52	2	3.8	350	4800	
Intel® Xeon® Platinum 8480+ Processor	Intel	Sapphire Rapids	Q23T	E-5	105	56	2	3.8	350	4800	
Intel® Xeon® Platinum 8490H Processor	Intel	Sapphire Rapids	Q23U	E-5	112.5	60	1.9	3.5	350	4800	
Intel® Xeon® Silver 3408U Processor	Intel	Sapphire Rapids	Q27B	S-3	22.5	8	1.8	1.9	125	4000	
Intel® Xeon® Silver 4410T Processor	Intel	Sapphire Rapids	Q27V	S-3	26.25	10	2.7	4	150	4000	
Intel® Xeon® Silver 4410Y Processor	Intel	Sapphire Rapids	Q27D	S-3	30	12	2	3.9	150	4000	
Intel® Xeon® Silver 4416+ Processor	Intel	Sapphire Rapids	Q27F	S-3	37.5	20	2	3.9	165	4000	

Memory

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
RDIMM											

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
AO4V48UCSV1-BHRS	ADATA	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		

Product Name	Vendor	Type	Capacity	Module	Rank	Voltage	Speed	ECC	Pin
AO4V48UCTV2-BHSS	ADATA	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
KSM48R40BS8KMM-16HMR	Kingston	DDR5	16GB	Skhynix-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
KSM48R40BS4TMM-32HMR	Kingston	DDR5	32GB	Skhynix-Rambus	1Rx4	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
MTC10F1084S1RC48BA1 HCCG	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
MTC20F1045S1RC48BA2 HCCH	Micron	DDR5	32GB	Micron-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC20F2085S1RC48BA1 HCCH	Micron	DDR5	32GB	Micron-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
MTC20F2085S1RC48BA1 NGCC	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
MTC20F2085S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
MTC18F1045S1PC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC20F1045S1RC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC20F1045S1RC48BA2 HCCG	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC20F208XS1RC48BB1 NGCC	Micron	DDR5	48GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
MTC40F2046S1RC48BA1 FICC	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC40F2046S1RC48BA1 GCCG	Micron	DDR5	64GB	Micron-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC36F2046S1PC48BA1 MHCC	Micron	DDR5	64GB	Micron-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
MTC40F2046S1RC48BA1 FCCI	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R2GA3BB6-CQKEG	Samsung	DDR5	16GB	Samsung-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R2GA3BB6-CQKMS	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R2GA3BB6-CQKMG	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R2GA3BB6-CQKVS	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R2GA3BB0-CQKVG	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R4GA0BB0-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R4GA0BB0-CQKVG	Samsung	DDR5	32GB	Samsung-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R4GA3BB6-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
M321R8GA0BB0-CQKEG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R8GA0BB0-CQKVG	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R8GA0BB0-CQKMG	Samsung	DDR5	64GB	Samsung-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R8GA0BB0-CQKDG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321R8GA0BB0-CQKVS	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
M321RAGA0B20-CWKBH	Samsung	DDR5	128GB	Samsung-IDT	2S2Rx4	1.1v	4800MHz	ECC Registered	288-pin
HMCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG78AEBRA115N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG78AEBRA168N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
HMCG84AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
HMCG88AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG84AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin
HMCG88AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG88MEBRA113N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin
HMCG94AEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin
HMCG94AEBRA123N AA	SKhynix	DDR5	64GB	SKhynix-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin

Don't write "Test Items" under this line!!!

SATA/SAS HDD

Product Name	Vendor	Type	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encrption	FW

SATA

Don't write "Test Items" under this line!!!

Product Name	Vendor	Type	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encrption
ST2000NX0243	Seagate	SATA	2.5"	4Kn	2TB	6Gb/s	Exos 7E2000	128MB	7200	N/A
ST2000NX0253	Seagate	SATA	2.5"	512e	2TB	6Gb/s	Exos 7E2000	128MB	7200	N/A
ST10000NM0016	Seagate	SATA	3.5"	512e	10TB	6Gb/s	Exos X10	256MB	7200	N/A
ST14000NM0018	Seagate	SATA	3.5"	512e/4kn	14TB	6Gb/s	Exos X14	256MB	7200	N/A
ST16000NM001G	Seagate	SATA	3.5"	512e/4Kn	16TB	6Gb/s	Exos X16	256MB	7200	N/A
ST20000NM007D	Seagate	SATA	3.5"	512e/4Kn	20TB	6Gb/s	Exos X20	256MB	7200	N/A
MG08ADA800E	Toshiba	SATA	3.5"	512e	8TB	6Gb/s	MG08-D	256MB	7200	N/A
MG09ACA18TE	Toshiba	SATA	3.5"	512e	18TB	6Gb/s	MG09	512MB	7200	N/A
HUS722T2TALA604	WD	SATA	3.5"	512n	2TB	6Gb/s	Ultrastar DC HA210	128MB	7200	N/A
HUS726T6TALE6L4	WD	SATA	3.5"	512e	6TB	6Gb/s	Ultrastar DC HC310	256MB	7200	N/A
WUH722020BLE6L4	WD	SATA	3.5"	512e	20TB	6Gb/s	Ultrastar DC HC560	512MB	7200	N/A

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SATA/SAS SSD

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SATA

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
Don't write "Test Items" under this line!!!							
MTFDDAK1T9TDS-1AW1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5300 PRO Series
MTFDDAK3T8TDS-1AW1ZABYY	Micron	SSD	2.5"	SATA	3.84TB	6Gb/s	5300 PRO Series
SSB1K9GTLCW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	ESM1720 Series
SSB240GTLCW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	240GB	6Gb/s	ESW1710 Series
SSB480GTLCW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESM1720 Series
SSB480GTLCW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESW1710 Series
SSB960GTLCW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESW1710 Series
SSB960GTLCW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESM1720 Series
MZ7L33T8HBLT-00A07	Samsung	SSD	2.5"	SATA	3.84TB	6Gb/s	PM893 Series
MZ7L3480HCHQ-00A07	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	PM893 Series
Don't write "Test Items" under this line!!!							

M.2

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
Don't write "Test Items" under this line!!!							
MTFDHBA960TDF	Micron	M.2	2280	PCIe(NVMe)	960GB	PCIe Gen3 x4	7300 Pro Series
MZ-1LB1T9N	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	983 DCT Series
MTFDKBG1T9TDZ	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series
MTFDKBG3T8TDZ	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series
MTFDKBG3T8TFR	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series
MZ1L21T9HCLS	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series
MZ1L2960HCJR	Samsung	M.2	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series
Don't write "Test Items" under this line!!!							

PCIe SSD

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
Don't write "Test Items" under this line!!!							

GPGPU

Product Name	Vendor	Processor Cores	Memory Bandwidth (GB/sec)	VRAM	OpenGL	DirectX	Graphics Card Power (W)	SLI / CrossFire Ready	Note
Tesla									
Don't write "Test Items" under this line!!!									
A40	NVIDIA	10752	696 GB/s	48GB			300 W		
Don't write "Test Items" under this line!!!									

Storage Card

Product Name	Vendor	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	Extrenal Ports	External Connectors	Data Transfer Rate	Note
Broadcom									
Don't write "Test Items" under this line!!!									
eHBA 9620-16i Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS4106 (Avenger IOC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port	
eHBA 9620-16i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS4106 (Avenger IOC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port	
HBA 9500-16e Tri-Mode Storage Adapter	Broadcom	SAS3816	PCIe Gen4 x8	-	-	16	4 SFF-8644	Up to 12Gb/s per port	
HBA 9500-16i Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
HBA 9500-16i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
HBA 9500-8e Tri-Mode Storage Adapter	Broadcom	SAS3808	PCIe Gen4 x8	-	-	8	2 SFF-8644	Up to 12Gb/s per port	
HBA 9500-8i Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS3808	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
HBA 9500-8i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS3808	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
MegaRAID 9540-8i (SAS/SATA mode)	Broadcom	SAS3808 Tri-Mode RAID-on-Chip (ROC)	x8 lane PCI Express ® 4.0	8	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
MegaRAID 9540-8i Tri-Mode (NVMe)	Broadcom	SAS3808 Tri-Mode RAID-on-Chip (ROC)	x8 lane PCI Express ® 4.0	8	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
MegaRAID 9560-16i (SAS/SATA mode)	Broadcom	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
MegaRAID 9560-16i Tri-Mode (NVMe)	Broadcom	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	

Product Name	Vendor	Controller	System InterfaceType	# of Ports				Note
MegaRAID 9560-8i (SAS/SATA mode)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
MegaRAID 9560-8i Tri-Mode (NVMe)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port

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CSA4710 (SAS/SATA mode)	GIGABYTE	LSI SAS 3808	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
CSA4710 Tri-Mode (NVMe)	GIGABYTE	LSI SAS 3808	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
CSA4820 (SAS/SATA mode)	GIGABYTE	LSI SAS 3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
CSA4820 Tri-Mode (NVMe)	GIGABYTE	LSI SAS 3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port

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LAN Card

Product Name	Vendor	Connector	System InterfaceType	# of Ports	Data Rate	Note
Broadcom						

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BCM957416A4160C	Broadcom	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM57416 (P210TP)
BCM957416N4160C-N210TP	Broadcom	RJ-45	OCP PCIe Gen3 x8	Dual	10Gb/s per port	BCM57416 / Support OCP 3.0
BCM957504-N425G	Broadcom	SFP28	OCP PCIe 4.0	Quad	25Gb/s per port	BCM57504 / Support OCP 3.0
BCM957508-N2100G	Broadcom	QSFP56	OCP PCIe 4.0	Dual	100Gb/s per port	BCM57508 / Support OCP 3.0
BCM957508-P2100G	Broadcom	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	BCM57508

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Chelsio						

Don't write "Test Items" under this line!!!

T62100-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 22w
T62100-LP-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 19w
T62100-SO-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 16w
T6225-CR	Chelsio	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Power 13w
T6225-SO-CR	Chelsio	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Power 10w

Don't write "Test Items" under this line!!!

GIGABYTE						

Don't write "Test Items" under this line!!!

| CLN4224 | GIGABYTE | RJ-45 | PCIe Gen3 x8 | Quad | 10Gb/s per port | INTEL X550-AT2 |
| CLN4752 | GIGABYTE | QSFP+ | PCIe Gen3 x8 | Dual | 40Gb/s per port | INTEL XL710-BM2 |

Don't write "Test Items" under this line!!!

Intel						

Don't write "Test Items" under this line!!!

E810-CQDA2 for OCP	Intel	QSFP28	OCP PCIe Gen4 x16	Dual	100Gb/s per port	Support OCP 3.0
X722-DA4	Intel	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	
XL710-QDA2	Intel	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	
XXV710-DA2	Intel	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	

Don't write "Test Items" under this line!!!

NVIDIA						

Don't write "Test Items" under this line!!!

MCX516A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 EN
MCX565M-CDAB	NVIDIA	QSFP28	OCP PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX®-5 Ex Multi-Host / Support OCP 3
MCX623105AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX®-6 Dx No Crypto, No Secure Boot
MCX623106AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX®-6 Dx No Crypto, No Secure Boot
MCX623432AN-ADAB	NVIDIA	SFP28	OCP PCIe Gen4 x16	Dual	25Gb/s per port	ConnectX®-6 Dx No Crypto, No Secure Boot / Support
MCX623435AC-VDAB	NVIDIA	QSFP56	OCP PCIe Gen4 x16	Single	200Gb/s per port	ConnectX®-6 Dx With Crypto1, With Secure Boot / S
MCX631102AN-ADAT	NVIDIA	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port	Mellanox ConnectX®-6 Lx without Crypto
MCX631432AN-ADAB	NVIDIA	SFP28	OCP PCIe Gen4 x8	Dual	25Gb/s per port	Mellanox ConnectX®-6 Lx without Crypto / Support O
MCX653105A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX653106A-HDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX683105AN-HDAT	NVIDIA	QSFP	PCIe Gen4 x16	Single	200Gb/s per port	Mellanox ConnectX-6 DE VPI (InfiniBand)

Don't write "Test Items" under this line!!!