

G493-SB1-AAP1 Qualification Vendor List

Please contact FAE support for below orange blocks




Intel CPU											
Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP(W)	Memory Types	
Sapphire Rapids - 4th Generation Intel® Xeon® Scalable Processors											
Intel® Xeon® Platinum 8490H Processor	Intel	Sapphire Rapids	Q23U	E-8	112.5MB	80	1.9 GHz	3.5 GHz	350	DDR5-4800	
Intel® Xeon® Platinum 8480+ Processor	Intel	Sapphire Rapids	Q23T	E-8	105.0MB	56	2.0 GHz	3.8 GHz	350	DDR5-4800	
Intel® Xeon® Platinum 8470 Processor	Intel	Sapphire Rapids	Q236	E-5	105.0MB	52	2.0 GHz	3.8 GHz	350	DDR5-4800	
Intel® Xeon® Platinum 8468V Processor	Intel	Sapphire Rapids	Q23D	E-5	97.5MB	48	2.4 GHz	3.8 GHz	330	DDR5-4800	
Intel® Xeon® Platinum 8468H Processor	Intel	Sapphire Rapids	Q242	E-5	105.0MB	48	2.1 GHz	3.8 GHz	330	DDR5-4800	
Intel® Xeon® Platinum 8468 Processor	Intel	Sapphire Rapids	Q237	E-5	105.0MB	48	2.1 GHz	3.8 GHz	350	DDR5-4800	
Intel® Xeon® Platinum 8462Y+ Processor	Intel	Sapphire Rapids	Q27N	S-3	60.0MB	32	2.8 GHz	4.1 GHz	300	DDR5-4800	
Intel® Xeon® Platinum 8460Y+ Processor	Intel	Sapphire Rapids	Q239	E-5	105.0MB	40	2.0 GHz	3.7 GHz	300	DDR5-4800	
Intel® Xeon® Platinum 8450H Processor	Intel	Sapphire Rapids	Q23V	E-5	105.0MB	40	2.2 GHz	3.8 GHz	330	DDR5-4800	
Intel® Xeon® Platinum 8458P Processor	Intel	Sapphire Rapids	Q23F	E-5	92.5MB	44	2.7 GHz	3.8 GHz	350	DDR5-4800	
Intel® Xeon® Platinum 8454H Processor	Intel	Sapphire Rapids	Q23R	E-5	92.5MB	32	2.1 GHz	3.4 GHz	270	DDR5-4800	
Intel® Xeon® Platinum 8452V Processor	Intel	Sapphire Rapids	Q246	E-5	67.5MB	36	2.0 GHz	3.2 GHz	300	DDR5-4800	
Intel® Xeon® Platinum 8450H Processor	Intel	Sapphire Rapids	Q244	E-5	75.0MB	28	2.0 GHz	3.5 GHz	250	DDR5-4800	
Intel® Xeon® Platinum 8444H Processor	Intel	Sapphire Rapids	Q23W	E-5	45.0MB	16	2.9 GHz	4.0 GHz	270	DDR5-4800	
Intel® Xeon® Gold 6454S Processor	Intel	Sapphire Rapids	Q23C	E-5	60.0MB	32	2.2 GHz	3.4 GHz	270	DDR5-4800	
Intel® Xeon® Gold 6448Y Processor	Intel	Sapphire Rapids	Q27M	S-3	60.0MB	32	2.1 GHz	4.1 GHz	225	DDR5-4800	
Intel® Xeon® Gold 6448H Processor	Intel	Sapphire Rapids	Q27S	S-3	60.0MB	32	2.4 GHz	4.1 GHz	250	DDR5-4800	
Intel® Xeon® Gold 6444Y Processor	Intel	Sapphire Rapids	Q27T	S-3	45.0MB	16	3.6 GHz	4.0 GHz	270	DDR5-4800	
Intel® Xeon® Gold 6442Y Processor	Intel	Sapphire Rapids	Q27J	S-3	60.0MB	24	2.6 GHz	4.0 GHz	225	DDR5-4800	
Intel® Xeon® Gold 6438Y+ Processor	Intel	Sapphire Rapids	Q27L	S-3	60.0MB	32	2.0 GHz	4.0 GHz	205	DDR5-4800	
Intel® Xeon® Gold 6438N Processor	Intel	Sapphire Rapids	Q280	S-3	60.0MB	32	2.0 GHz	3.6 GHz	205	DDR5-4800	
Intel® Xeon® Gold 6438M Processor	Intel	Sapphire Rapids	Q282	S-3	60.0MB	32	2.2 GHz	3.9 GHz	205	DDR5-4800	
Intel® Xeon® Gold 6434H Processor	Intel	Sapphire Rapids	Q27P	S-3	22.5MB	8	3.7 GHz	4.1 GHz	195	DDR5-4800	
Intel® Xeon® Gold 6434 Processor	Intel	Sapphire Rapids	Q273	S-3	22.5MB	8	3.7 GHz	4.1 GHz	195	DDR5-4800	
Intel® Xeon® Gold 6430 Processor	Intel	Sapphire Rapids	Q23B	E-5	60.0MB	32	2.1 GHz	3.4 GHz	270	DDR5-4400	
Intel® Xeon® Gold 6428N Processor	Intel	Sapphire Rapids	Q27Y	S-3	60.0MB	32	1.8 GHz	3.8 GHz	185	DDR5-4800	
Intel® Xeon® Gold 6428Y Processor	Intel	Sapphire Rapids	Q27E	S-3	37.5MB	16	2.5 GHz	4.1 GHz	185	DDR5-4800	
Intel® Xeon® Gold 6418H Processor	Intel	Sapphire Rapids	Q27R	S-3	60.0MB	24	2.1 GHz	4.0 GHz	185	DDR5-4800	
Intel® Xeon® Gold 6416H Processor	Intel	Sapphire Rapids	Q27Q	S-3	45.0MB	18	2.2 GHz	4.2 GHz	165	DDR5-4800	
Intel® Xeon® Gold 5420+ Processor	Intel	Sapphire Rapids	Q27K	S-3	52.5MB	28	2.0 GHz	4.1 GHz	205	DDR5-4400	
Intel® Xeon® Gold 5418Y Processor	Intel	Sapphire Rapids	Q27G	S-3	45.0MB	24	2.0 GHz	3.8 GHz	185	DDR5-4400	
Intel® Xeon® Gold 5418N Processor	Intel	Sapphire Rapids	Q27W	S-3	45.0MB	24	1.8 GHz	3.8 GHz	165	DDR5-4000	
Intel® Xeon® Gold 5416S Processor	Intel	Sapphire Rapids	Q281	S-3	30.0MB	16	2.0 GHz	4.0 GHz	150	DDR5-4400	
Intel® Xeon® Gold 5415+ Processor	Intel	Sapphire Rapids	Q27C	S-3	22.5MB	8	2.9 GHz	4.1 GHz	150	DDR5-4400	
Intel® Xeon® Silver 4416+ Processor	Intel	Sapphire Rapids	Q27F	S-3	37.5MB	20	2.0 GHz	3.9 GHz	165	DDR5-4000	
Intel® Xeon® Silver 4410Y Processor	Intel	Sapphire Rapids	Q27D	S-3	30.0MB	12	2.0 GHz	3.9 GHz	150	DDR5-4000	
Intel® Xeon® Silver 4410T Processor	Intel	Sapphire Rapids	Q27V	S-3	26.3MB	10	2.7 GHz	4.0 GHz	150	DDR5-4000	
Sapphire Rapids HBM - Intel Xeon CPU Max Series											
Intel® Xeon® Max 9468 Processor	Intel	Sapphire Rapids HBM	Q2HT	B-3	105.0MB	48	2.0 GHz	3.5 GHz	350	DDR5-4800	
Intel® Xeon® Max 9462 Processor	Intel	Sapphire Rapids HBM	Q2HR	B-3	75.0MB	32	2.7 GHz	3.5 GHz	350	DDR5-4800	
Intel® Xeon® Max 9460 Processor	Intel	Sapphire Rapids HBM	Q2HS	B-3	97.5MB	40	2.2 GHz	3.5 GHz	350	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											
M321R2GA3BB0-CQKVG	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R2GA3BB6-CQKVS	Samsung	DDR5	16GB	Samsung-Rambus	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-CQKEG	Samsung	DDR5	16GB	Samsung-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R4GA0BB0-CQKVG	Samsung	DDR5	32GB	Samsung-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R4GA0BB0-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R4GA0BB0-CQKMS	Samsung	DDR5	32GB	Samsung-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R4GA0BB0-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKVG	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKEG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKMG	Samsung	DDR5	64GB	Samsung-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKVS	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKDG	Samsung	DDR5	64GB	Samsung-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
M321R8GA0BB0-CQKZH	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	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		
MTC20F2085S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F2085S1RC48BA1 HCHC	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		
MTC20F1045S1RC48BA2 HCHC	Micron	DDR5	32GB	Micron-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F1045S1RC48BA2 HCCG	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		
MTC18F1045S1PC48BA2 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		
MTC38F2046S1PC48BA1 MHCC	Micron	DDR5	64GB	Micron-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
RMCG88MEBRA113N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
RMCG88MEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		

HMCGM4EBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG78AEBRA168N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG78AEBRA115N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG88AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG88AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG84AEBRA115N 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		
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		
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		
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		
KSM48R40BD8KMM-32HMR	Kingston	DDR5	32GB	SKhynix-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
KSM48R40BD4TMM-64HMR	Kingston	DDR5	64GB	SKhynix-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)											
MTC20F208XS1RC48BB1 NGCC	Micron	DDR5	48GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
Product Name		Vendor	Type	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption
Seagate Enterprise Capacity 2.5 HDD											
ST2000NX0253	Seagate	SATA	2.5"	512e	2TB	6Gb/s	Exos 7E2000	128MB		7200	N/A
ST2000NX0243	Seagate	SATA	2.5"	4Kn	2TB	6Gb/s	Exos 7E2000	128MB		7200	N/A
ST1000NX0313	Seagate	SATA	2.5"	512e	1TB	6Gb/s	Exos 7E2000	128MB		7200	N/A
Seagate Enterprise Capacity 3.5 HDD											
ST1800NM001G	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	Exos X16	256MB		7200	N/A
ST1800NM000J	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	Exos X18	256MB		7200	N/A
ST2200NM007D	Seagate	SATA	3.5"	512e/4Kn	22TB	6Gb/s	Exos X20	256MB		7200	N/A
ST2200NM001E	Seagate	SATA	3.5"	512e	22TB	6Gb/s	Exos X22	512MB		7200	N/A
WD Enterprise Hard Drives											
HUS722T2TALA604	WD	SATA	3.5"	512n	2TB	6Gb/s	Ultrastar DC HA210	128MB		7200	N/A
HUS726T6TAL6BL4	WD	SATA	3.5"	512e	6TB	6Gb/s	Ultrastar DC HC310	256MB		7200	N/A
WUHT71818AL6BL4	WD	SATA	3.5"	512e	18TB	6Gb/s	Ultrastar DC HC550	512MB		7200	N/A
WUHT722020BL6BL4	WD	SATA	3.5"	512e	20TB	6Gb/s	Ultrastar DC HC560	512MB		7200	N/A
WUHT722222AL6BL4	WD	SATA	3.5"	512e	22TB	6Gb/s	Ultrastar DC HC570	512MB		7200	N/A
Toshiba Enterprise Hard Drives											
MG08ADA800E	Toshiba	SATA	3.5"	512e	8TB	6Gb/s	MG08-D	256MB		7200	N/A
MG08ACA181E	Toshiba	SATA	3.5"	512e	18TB	6Gb/s	MG09	512MB		7200	N/A
MG10ACA201E	Toshiba	SATA	3.5"	512e	20TB	6Gb/s	MG10	512MB		7200	N/A
SATA/SAS SSD											
Product Name		Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note			
SATA SSD											
SSDSC2K8240GZ	Solidigm	SSD	2.5"	SATA	240GB	6Gb/s	D3-54520 Series				
SSDSC2K8480GZ	Solidigm	SSD	2.5"	SATA	480GB	6Gb/s	D3-54520 Series				
SSDSC2K8019TZ	Solidigm	SSD	2.5"	SATA	1.92TB	6Gb/s	D3-54520 Series				
SSDSC2K8480GZ01	Solidigm	SSD	2.5"	SATA	480GB	6Gb/s	D3-54620 Series				
SSDSC2K8960GZ01	Solidigm	SSD	2.5"	SATA	960GB	6Gb/s	D3-54620 Series				
SSDSC2K8019TZ	Solidigm	SSD	2.5"	SATA	1.92TB	6Gb/s	D3-54620 Series				
SSDSC2K8038TZ	Solidigm	SSD	2.5"	SATA	3.84TB	6Gb/s	D3-54620 Series				
MTFD0AK480TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	240GB	6Gb/s	5400 PRO Series				
MTFD0AK480TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	480GB	6Gb/s	5400 PRO Series				
MTFD0AK960TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	960GB	6Gb/s	5400 PRO Series				
MTFD0AK1170TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5400 PRO Series				
MZ7L3480HC1Q-00A07	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	PM993 Series				
MZ7L3379HBLT-00A07	Samsung	SSD	2.5"	SATA	3.84TB	6Gb/s	PM993 Series				
MZ7L3480HBLT-00A07	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	PM997 Series				
MZ7L3960HBLT-00A07	Samsung	SSD	2.5"	SATA	960GB	6Gb/s	PM997 Series				
MZ7L3119H8NA-00A07	Samsung	SSD	2.5"	SATA	1.92TB	6Gb/s	PM997 Series				
SSB489GTLW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESM1720 Series				
SSB969GTLW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESM1720 Series				
SSB1K9GTLW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	ESM1720 Series				
SSB249GTLW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	240GB	6Gb/s	ESW1710 Series				
SSB489GTLW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESW1710 Series				
SSB969GTLW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESW1710 Series				
PCIe SSD											
Product Name		Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note			
PCIe SSD											
SSDPEDKX040T701	Solidigm	PCIe		PCIe 3.0	PCIe(NVMe)	4TB	PCIe Gen3 x4	PM950 Series			
MZPLL3T2HAIQ	Samsung	PCIe		PCIe 3.0	PCIe(NVMe)	3.2TB	PCIe Gen3 x8	PM1725b Series			
NVMe											
Product Name		Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note			
U.2 (VROC support)											
SSDPF2KX153T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		15.36TB	PCIe Gen4 x4	D7-P5520 Series			
SSDPF2KX076T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		7.68TB	PCIe Gen4 x4	D7-P5520 Series			
SSDPF2KX038T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		3.84TB	PCIe Gen4 x4	D7-P5520 Series			
SSDPF2KX019T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		1.92TB	PCIe Gen4 x4	D7-P5520 Series			
SSDPF2KE064T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		6.4TB	PCIe Gen4 x4	D7-P5620 Series			
SSDPF2KE032T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		3.2TB	PCIe Gen4 x4	D7-P5620 Series			
SSDPF2KE016T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		1.6TB	PCIe Gen4 x4	D7-P5620 Series			
SSDPF2NV307ZM1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)		30.72TB	PCIe Gen4 x4	D5-P5316 Series			

SBFPF2BU153T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	15.36TB	PCIe Gen4 x4	D5-P5430 Series		
SBFPF2BU076T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	D5-P5430 Series		
SBFPF2BU038T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	D5-P5430 Series		
U.2									
SSDPF2KX153T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	15.36TB	PCIe Gen4 x4	D7-P5520 Series		
SSDPF2KX076T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	D7-P5520 Series		
SSDPF2KX038T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	D7-P5520 Series		
SSDPF2KX019T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	D7-P5520 Series		
SSDPF2KE064T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	D7-P5620 Series		
SSDPF2KE032T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	D7-P5620 Series		
SSDPF2KE016T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	D7-P5620 Series		
SSDPF2NV007TZN1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	30.72TB	PCIe Gen4 x4	D5-P5316 Series		
SBFPF2BU153T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	15.36TB	PCIe Gen4 x4	D5-P5430 Series		
SBFPF2BU076T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	D5-P5430 Series		
SBFPF2BU038T	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	D5-P5430 Series		
MZQL23T9HCLS	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	PM9A3 Series		
MZQL21T9HCJR	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series		
MZQL2960HCJR	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series		
MZWL01T9HCJR	Samsung	U.2	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen5 x4	PM1743 Series		
KCD8XVUG800G	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	800GB	PCIe Gen4 x4	CD6-V Series	SE Model	
KCD8XVUG1T60	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	CD6-V Series	SE Model	
KCD8XVUG32T0	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	CD6-V Series	SE Model	
KCD8XVUG64T0	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	CD6-V Series	SE Model	
KCD81RUG1T92	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	CD6-R Series		
KCD81RUG3T84	KIOXIA	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	CD6-R Series		
U.3									
KCM61RUL3T84	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	CM6-R Series		
KCM61RUL1T92	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	CM6-R Series		
KCM61RUL960G	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	CM6-R Series		
KCD61LUL3T84	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	CD6-R Series		
KCD61LUL1T92	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	CD6-R Series		
KCD61LUL960G	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	CD6-R Series		
MTFDKCC6T4TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	7400 Max Series		
MTFDKCC3T2TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	7400 Max Series		
MTFDKCC1T6TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	7400 Max Series		
MTFDKCC800TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	800GB	PCIe Gen4 x4	7400 Max Series		
MTFDKCC6T4TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	7450 Max Series		
MTFDKCC3T2TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	7450 Max Series		
MTFDKCC1T6TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	7450 Max Series		
MTFDKCC800TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	800GB	PCIe Gen4 x4	7450 Max Series		
EU3K6GTLCoV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	EPW5970 Series		
EU3K2GTLCoV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	EPW5970 Series		
EU31K6GTLCoV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	EPW5970 Series		
EU37K6GTLCoV-X1-EPM5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	EPM5970 Series		
EU33K8GTLCoV-X1-EPM5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	EPM5970 Series		
EU31K9GTLCoV-X1-EPM5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	EPM5970 Series		
EU3K6GTLCoV-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	EPW0970 Series		
EU33K2GTLCoV-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	EPW0970 Series		
EU31K6GTLCoV-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	EPW0970 Series		
EU37K6GTLCoV-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	EPM0970 Series		
EU33K8GTLCoV-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	EPM0970 Series		
EU31K9GTLCoV-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	EPM0970 Series		
MTFDKCB7T6TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	7400 Pro Series		
MTFDKCB3T8TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series		
MTFDKCB1T9TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series		
MTFDKCB960TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	7400 Pro Series		
MTFDKCB7T6TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	7450 Pro Series		
MTFDKCB3T8TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series		
MTFDKCB1T9TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	7450 Pro Series		
MTFDKCB960TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	7450 Pro Series		
MTFDKCC6T4TGJ	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	9400 Max Series		
MTFDKCC7T6TGH	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	9400 Pro Series		
GPGPU Card (GPGPU server only)									
Product Name	Vendor	Processor Cores	Memory Bandwidth (GB/sec)	VRAM	OpenGL	Microsoft DirectX	Graphics Card Power (W)	NVIDIA SLI / AMD CrossFire Ready	Note
NVIDIA Tesla									
A100 (80GB)	NVIDIA	6912	1555 GB/s	80GB			300 W		(Maximum support 10pcs GPGPU)
Storage 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									
CSA4820 (SAS/SATA mode)	GIGABYTE	LSI SAS 3616	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gbps per port	
CSA4710 (SAS/SATA mode)	GIGABYTE	LSI SAS 3608	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gbps per port	
Broadcom RAID Controller Cards									
MegaRAID 9660-16i (SAS/SATA mode)	Broadcom	SAS4116 (Avenger ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gbps per port	
MegaRAID 9660-16i (SAS/SATA mode)	Broadcom	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gbps per port	
MegaRAID 9660-8i (SAS/SATA mode)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gbps per port	
MegaRAID 9640-8i (SAS/SATA mode)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	2 SlimSAS SFF-8654	-	-	Up to 12Gbps per port	
Broadcom Host Bus Adapters (HBAs)									
SBHA 9620-16i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS4106 (Avenger IOC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gbps per port	
SBHA 9600-16i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS4016 (Avenger IOC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gbps per port	
SBHA 9600W-16e Tri-Mode Storage Adapter	Broadcom	SAS4016W (Avenger IOC)	PCIe Gen4 x16	16	-	16 i SFF-8644	-	Up to 24Gbps per port	
SBHA 9600-16e Tri-Mode Storage Adapter	Broadcom	SAS4016 (Avenger IOC)	PCIe Gen4 x8	-	-	16 i SFF-8644	-	Up to 24Gbps per port	

HBA 9500-16 Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port		
HBA 9500-8i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS3808	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/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 9500-8e Tri-Mode Storage Adapter	Broadcom	SAS3808	PCIe Gen4 x8	-	-	-	8 / 2 SFF-8644	Up to 12Gb/s per port		
Broadcom Tri-Mode Cards										
MegaRAID 9650-16i Tri-Mode (NVMe)	Broadcom	SAS4116 (Avenger ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port		
MegaRAID 9550-16i 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		
MegaRAID 9550-8i 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		
MegaRAID 9540-8i Tri-Mode (NVMe)	Broadcom	SAS3808 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port		
gHBA 9620-16i Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS4106 (Avenger ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port		
gHBA 9600-16i Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS4016 (Avenger ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port		
HBA 9500-16 Tri-Mode Storage Adapter (NVMe)	Broadcom	SAS3816	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	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		
GIGABYTE Tri-Mode Cards										
CSA4820 Tri-Mode (NVMe)	GIGABYTE	LSI SAS 3816	PCIe Gen4 x8	16	2 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		
LAN Cards										
Product Name	Vendor	Connector	System Interface Type	# of Ports	Data Rate			Note		
GIGABYTE LAN Cards										
CLN4D40	GIGABYTE	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port			Broadcom BCM57414		
CLN4B20	GIGABYTE	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port			Broadcom BCM57416		
CLN4A10	GIGABYTE	RJ-45	PCIe Gen3 x8	Dual	1Gb/s per port			Broadcom BCM5720L		
CLN4751	GIGABYTE	QSFP+	PCIe Gen3 x8	Single	40Gb/s per port			INTEL XL710-BM1		
CLN4752	GIGABYTE	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port			INTEL XL710-BM2		
CLN4222	GIGABYTE	RJ-45	PCIe Gen3 x4	Dual	10Gb/s per port			INTEL X550-AT2		
CLN4224	GIGABYTE	RJ-45	PCIe Gen3 x8	Quad	10Gb/s per port			INTEL X550-AT2		
Intel 25GbE										
IXV716-DA2	Intel	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port					
Intel 40GbE										
XL710-QDA2	Intel	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port					
(Mellanox) NVIDIA ConnectX										
MCX631102AN-ADAT	NVIDIA	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port			Mellanox ConnectX-6  without Crypto		
MCX623105AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port			Mellanox ConnectX-6  No Crypto, No Secure Boot		
MCX623106AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port			Mellanox ConnectX-6  No Crypto, No Secure Boot		
MCX516A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port			Mellanox ConnectX-5 EN		
MCX515A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port			Mellanox ConnectX-5 EN		
MCX4121A-ACAT	NVIDIA	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port			Mellanox ConnectX-4 Lx EN		
(Mellanox) NVIDIA VPI Adapter Cards										
MCX683105AN-HDAT	NVIDIA	QSFP	PCIe Gen4 x16	Single	200Gb/s per port			Mellanox ConnectX-6 DE VPI (InfiniBand)		
MCX653106A-HDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port			Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX653105A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port			Mellanox ConnectX-6 Ex VPI (InfiniBand)		
MCX653106A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port			Mellanox ConnectX-6 Ex VPI (InfiniBand)		
Broadcom (Emulex) Ethernet Networking Adapters										
BCM957508-P2100G	Broadcom	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port			BCM57508		
BCM957414A4142CC	Broadcom	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port			BCM57414 (P225P)		
BCM957416A4160C	Broadcom	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port			BCM57416 (P210TP)		
Broadcom FC Host Bus Adapter										
LPx32002-M2	Broadcom	SFP+	PCIe Gen3 x8	Dual	32Gb/s per port			XE501 controller		
LPx31002-M6	Broadcom	SFP+	PCIe Gen3 x8	Dual	19Gb/s per port			XE501 controller		
Chelsio Networking Adapters										
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		
USB Device										
Product Name	Vendor	Type	Connector	Capacity	Note					
USB 3.2 Gen 1 (5Gbps)										
CANVIO BASIC	Toshiba	HDD	Type-A	500GB						
ESW863 8X SLIM	NU	DVD	Type-A							
NA317U+	Imo	Device	Type-A							
SST-TS13	Silver Stone	Device	Type-A							
S1-DS3-Plus	CyberSLIM	Device	Type-A							
MB9810U3-TS	ICYDOCK	Device	Type-A							