



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											
Don't write "Test Items" under this line!!											
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	
Don't write "Test Items" under this line!!											
Memory											
Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
RDIMM											
Don't write "Test Items" under this line!!											
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		
MTC10F1084S1RC48BA1 HCCG	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 NGCC	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F2085S1RC48BA1 HCCH	Micron	DDR5	32GB	Micron-Rambus	2Rx8	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		
MTC20F2085S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
MTC18F1045S1RC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F1045S1RC48BA2 HCCH	Micron	DDR5	32GB	Micron-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F2085S1RC48BA1 NGCC	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
MTC20F2085S1RC48BB1 NGCC	Micron	DDR5	48GB	Micron-IDT	2Rx8	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		
MTC40F2046S1RC48BA1 FICC	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-CQKVS	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R2GA3BB6-CQKMG	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R2GA3BB6-CQKMS	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R2GA3BB0-CQKVG	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin		
M321R4GA3BB6-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	2Rx8	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		
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-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		
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		
HMCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	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		
HMCG84AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG88AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin		
HMCG84AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG94AEBRA123N AA	SKhynix	DDR5	64GB	SKhynix-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin		
HMCG94AEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	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	Encription	FW
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SATA

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

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	

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

SATA/SAS SSD

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

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				
SSB1K9GTLWC-D2-SME1720GBT	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	ESM1720 Series				
SSB240GTLWC-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	240GB	6Gb/s	ESW1710 Series				
SSB480GTLWC-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESW1710 Series				
SSB480GTLWC-D2-SME1720GBT	Phison	SSD	2.5"	SATA	480GB	6Gb/s	ESM1720 Series				

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SSB960GTLCW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESM1720 Series
SSB960GTLCW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESW1710 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
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M.2

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
MTFDKGB1T9TDZ	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series
MTFDKGB3T8TFR	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series
MTFDKGB3T8TDZ	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7400 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!!

NVMe

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

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

MTFDHAL3T2DTR	Micron	U.2	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	9300 Max Series
MZQL21T9HCJR	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series
MZQL23T8HCLS	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	PM9A3 Series
MZQL2960HCJR	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series
SSDPF2KX038TZ	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	D7-P5510 Series
SSDPF2KX019T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	D7-P5520 Series
SSDPF2KX038T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	D7-P5520 Series
SSDPF2KX076T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	D7-P5520 Series
SSDPF2KX153T1	Solidigm	U.2	2.5" 15mm	SFF8639(NVMe)	15.36TB	PCIe Gen4 x4	D7-P5520 Series

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U.3

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KCD61LUL1T92	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	CD6-R Series
KCM61RUL1T92	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	CM6-R Series
KCM61RUL3T84	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	CM6-R Series
KCD61LUL3T84	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	CD6-R Series
KCM61RUL960G	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	CM6-R Series
KCD61LUL960G	KIOXIA	U.3	2.5" 15mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	CD6-R Series
MTFDKCB1T9TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series
MTFDKCC1T6TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	7450 Max Series
MTFDKCB1T9TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	7450 Pro Series
MTFDKCC1T6TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	7400 Max Series
MTFDKCB3T8TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series
MTFDKCC3T2TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	7400 Max Series
MTFDKCC3T2TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	7450 Max Series
MTFDKCB3T8TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series
MTFDKCC6T4TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	7450 Max Series
MTFDKCC6T4TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	7400 Max Series
MTFDKCB7T6TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	7400 Pro Series
MTFDKCB7T6TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	7450 Pro Series
MTFDKCC800TFC	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	800GB	PCIe Gen4 x4	7400 Max Series
MTFDKCC800TFS	Micron	U.3	2.5" 15mm	SFF8639(NVMe)	800GB	PCIe Gen4 x4	7450 Max Series
MTFDKCB960TFR	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	7450 Pro Series
MTFDKCB960TDZ	Micron	U.3	2.5" 7mm	SFF8639(NVMe)	960GB	PCIe Gen4 x4	7400 Pro Series
EU31K9GTLcv-X1-EPM5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	EPM5970 Series
EU31K6GTLcv-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	EPW5970 Series
EU31K6GTLcv-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.6TB	PCIe Gen4 x4	EPW0970 Series
EU31K9GTLcv-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	1.92TB	PCIe Gen4 x4	EPM0970 Series
EU33K2GTLcv-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	EPW0970 Series
EU33K8GTLcv-X1-EPM5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	EPM5970 Series

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EU33K8GTLcV-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	EPM0970 Series
EU33K2GTLcV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen4 x4	EPW5970 Series
EU36K4GTLcV-P1EPW0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	EPW0970 Series
EU36K4GTLcV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	6.4TB	PCIe Gen4 x4	EPW5970 Series
EU37K6GTLcV-P1EPM0970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	EPM0970 Series
EU37K6GTLcV-X1-EPW5970GBT	PHISON	U.3	2.5" 15mm	SFF8639(NVMe)	7.68TB	PCIe Gen4 x4	EPW5970 Series

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

PCIe SSD

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
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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
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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)	PCIe Gen4 x8	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)	PCIe Gen4 x8	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	
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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GIGABYTE

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CRA4448	GIGABYTE	LSI SAS 3108	PCIe Gen3 x8	8	2 x Mini-SAS HD SFF-8643	-	-	Up to 12Gb/s per port	
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	

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

LAN Card

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

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

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

GIGABYTE™

Don't write "Test Items" under this line!!!						
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
E810-XXVDA2	Intel	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port	Controller E810-XXVAM2
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!!!						
MCX4121A-ACAT	NVIDIA	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN
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-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	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)
MCX75310AAS-NEAT	NVIDIA	QSFP	PCIe Gen5 x16	Single	400Gb/s per port	NVIDIA ConnectX-7 VPI (InfiniBand)
Don't write "Test Items" under this line!!!						