

QVL Support List

MS73-HB1 (Rev. 1.x/3.x)

Intel CPU

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency (GHz)	Max Turbo Frequency (GHz)	TDP	Memory Types
Emerald Rapids - 5th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Gold 5515+ Processor	Intel	Emerald Rapids	Q420	R-1	22.5MB	8	3.2	4.1	165W	DDR5-4800
Intel® Xeon® Gold 5520+ Processor	Intel	Emerald Rapids	Q41X	R-1	52.5MB	28	2.2	4	205W	DDR5-4800
Intel® Xeon® Gold 6526Y Processor	Intel	Emerald Rapids	Q41V	R-1	37.5MB	16	2.8	3.9	195W	DDR5-5200
Intel® Xeon® Gold 6530 Processor	Intel	Emerald Rapids	Q3W3	A-1	160MB	32	2.1	4	270W	DDR5-4800
Intel® Xeon® Gold 6534 Processor	Intel	Emerald Rapids	Q422	R-1	22.5MB	8	3.9	4.2	195W	DDR5-4800
Intel® Xeon® Gold 6538N Processor	Intel	Emerald Rapids	Q42X	R-1	60MB	32	2.1	4.1	205W	DDR5-5200
Intel® Xeon® Gold 6538Y+ Processor	Intel	Emerald Rapids	Q41W	R-1	60MB	32	2.2	4	225W	DDR5-5200
Intel® Xeon® Gold 6542Y Processor	Intel	Emerald Rapids	Q41U	R-1	60MB	24	2.9	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6544Y Processor	Intel	Emerald Rapids	Q41S	R-1	45MB	16	3.6	4.1	270W	DDR5-5200
Intel® Xeon® Gold 6548N Processor	Intel	Emerald Rapids	Q42W	R-1	60MB	32	2.8	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6548Y+ Processor	Intel	Emerald Rapids	Q41T	R-1	60MB	32	2.5	4.1	250W	DDR5-5200
Intel® Xeon® Gold 6554S Processor	Intel	Emerald Rapids	Q3V3	A-1	180MB	36	2.2	4	270W	DDR5-5200
Intel® Xeon® Silver 4514Y Processor	Intel	Emerald Rapids	Q41Z	R-1	30MB	16	2	3.4	150W	DDR5-4400
Intel® Xeon® Silver 4516Y+ Processor	Intel	Emerald Rapids	Q41Y	R-1	45MB	24	2.2	3.7	185W	DDR5-4400
Sapphire Rapids - 4th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Gold 5415+ Processor	Intel	Sapphire Rapids	Q27C	S-3	22.5MB	8	2.9	4.1	150W	DDR5-4400
Intel® Xeon® Gold 5416S Processor	Intel	Sapphire Rapids	Q281	S-3	30MB	16	2	4	150W	DDR5-4400
Intel® Xeon® Gold 5418N Processor	Intel	Sapphire Rapids	Q27W	S-3	45MB	24	1.8	3.8	165W	DDR5-4000
Intel® Xeon® Gold 5418Y Processor	Intel	Sapphire Rapids	Q27G	S-3	45MB	24	2	3.8	185W	DDR5-4400
Intel® Xeon® Gold 5420+ Processor	Intel	Sapphire Rapids	Q27K	S-3	52.5MB	28	2	4.1	205W	DDR5-4400
Intel® Xeon® Gold 6416H Processor	Intel	Sapphire Rapids	Q27Q	S-3	45MB	18	2.2	4.2	165W	DDR5-4800
Intel® Xeon® Gold 6418H Processor	Intel	Sapphire Rapids	Q27R	S-3	60MB	24	2.1	4	185W	DDR5-4800

Product Name	Vendor	Code Name	Q-Spec	Stepping	Cache	# of Cores	Processor Base Frequency (GHz)	Max Turbo Frequency (GHz)	TDP	Memory Types
Intel® Xeon® Gold 6426Y Processor	Intel	Sapphire Rapids	Q27E	S-3	37.5MB	16	2.5	4.1	185W	DDR5-4800
Intel® Xeon® Gold 6428N Processor	Intel	Sapphire Rapids	Q27Y	S-3	60MB	32	1.8	3.8	185W	DDR5-4800
Intel® Xeon® Gold 6430 Processor	Intel	Sapphire Rapids	Q23B	E-5	60MB	32	2.1	3.4	270W	DDR5-4400
Intel® Xeon® Gold 6434 Processor	Intel	Sapphire Rapids	Q273	S-3	22.5MB	8	3.7	4.1	195W	DDR5-4800
Intel® Xeon® Gold 6434H Processor	Intel	Sapphire Rapids	Q27P	S-3	22.5MB	8	3.7	4.1	195W	DDR5-4800
Intel® Xeon® Gold 6438M Processor	Intel	Sapphire Rapids	Q282	S-3	60MB	32	2.2	3.9	205W	DDR5-4800
Intel® Xeon® Gold 6438N Processor	Intel	Sapphire Rapids	Q280	S-3	60MB	32	2	3.6	205W	DDR5-4800
Intel® Xeon® Gold 6438Y+ Processor	Intel	Sapphire Rapids	Q27L	S-3	60MB	32	2	4	205W	DDR5-4800
Intel® Xeon® Gold 6442Y Processor	Intel	Sapphire Rapids	Q27J	S-3	60MB	24	2.6	4	225W	DDR5-4800
Intel® Xeon® Gold 6444Y Processor	Intel	Sapphire Rapids	Q27T	S-3	45MB	16	3.6	4	270W	DDR5-4800
Intel® Xeon® Gold 6448H Processor	Intel	Sapphire Rapids	Q27S	S-3	60MB	32	2.4	4.1	250W	DDR5-4800
Intel® Xeon® Gold 6448Y Processor	Intel	Sapphire Rapids	Q27M	S-3	60MB	32	2.1	4.1	225W	DDR5-4800
Intel® Xeon® Gold 6454S Processor	Intel	Sapphire Rapids	Q23C	E-5	60MB	32	2.2	3.4	270W	DDR5-4800
Intel® Xeon® Platinum 8444H Processor	Intel	Sapphire Rapids	Q23W	E-5	45MB	16	2.9	4	270W	DDR5-4800
Intel® Xeon® Platinum 8450H Processor	Intel	Sapphire Rapids	Q244	E-5	75MB	28	2	3.5	250W	DDR5-4800
Intel® Xeon® Platinum 8454H Processor	Intel	Sapphire Rapids	Q23R	E-5	82.5MB	32	2.1	3.4	270W	DDR5-4800
Intel® Xeon® Silver 4410T Processor	Intel	Sapphire Rapids	Q27V	S-3	26.25MB	10	2.7	4	150W	DDR5-4000
Intel® Xeon® Silver 4410Y Processor	Intel	Sapphire Rapids	Q27D	S-3	30MB	12	2	3.9	150W	DDR5-4000
Intel® Xeon® Silver 4416+ Processor	Intel	Sapphire Rapids	Q27F	S-3	37.5MB	20	2	3.9	165W	DDR5-4000
SAPPHIRE RAPIDS EE - 5th Generation Intel® Xeon® Scalable Processors										
Intel® Xeon® Silver 4509Y Processor	Intel	SAPPHIRE RAPIDS EE	Q40S	U-1	22.5MB	8	2.6	4.1	125W	DDR5-4400
Intel® Xeon® Silver 4510 Processor	Intel	SAPPHIRE RAPIDS EE	Q40R	U-1	30MB	12	2.4	4.1	150W	DDR5-4400
Intel® Xeon® Silver 4510T Processor	Intel	SAPPHIRE RAPIDS EE	Q40U	U-1	30MB	12	2	3.7	115W	DDR5-4400

Memory

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
DDR5 RDIMM										

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
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	
MTC10F1084S1RC48BA1 NGCC	Micron	DDR5	16GB	Micron-IDT	1Rx8	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	
MTC18F1045S1PC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 HCCH	Micron	DDR5	32GB	Micron-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 NGCC	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1045S1RC48BA2 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	
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	
MTC40F2046S1RC48BA1 FCCI	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC36F2046S1PC48BA1 MHCC	Micron	DDR5	64GB	Micron-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R2GA3BB6-CQKEG	Samsung	DDR5	16GB	Samsung-IDT	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	
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-CQKMG	Samsung	DDR5	32GB	Samsung-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
M321R4GA0BB0-CQKVG	Samsung	DDR5	32GB	Samsung-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
M321R8GA0BB0-CQKZJ	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-CQKVS	Samsung	DDR5	64GB	Samsung-Rambus	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-CQKZH	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	
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	
HMCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
HMCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG88MEBRA107N 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	
HMCG84AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	1Rx4	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	
HMCG84AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG94MEBRA109N 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	
HMCG94AEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
KSM56R46BS8PMI-16HAI	Kingston	DDR5	16GB	Skhynix-Renesas	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
KSM56R46BS4PMI-32HAI	Kingston	DDR5	32GB	Skhynix-Renesas	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
KSM56R46BD8PMI-32HAI	Kingston	DDR5	32GB	Skhynix-Renesas	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
KSM56R46BD4PMI-64HAI	Kingston	DDR5	64GB	Skhynix-Renesas	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
KSM56R46BD4PMI-96MBI	Kingston	DDR5	96GB	Micron-Renesas	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
KSM56R46BD4PMI-96HMI	Kingston	DDR5	96GB	SKhynix-Renesas	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
MTC10F1084S1RC56BD1 MMCC	Micron	DDR5	16GB	Micron-Montage	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
MTC10F108YS1RC56BB1 NMCC	Micron	DDR5	24GB	Micron-Montage	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
MTC20F2085S1RC56BD1 MMCC	Micron	DDR5	32GB	Micron-Montage	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
MTC20F1045S1RC56BD1 MMCC	Micron	DDR5	32GB	Micron-Montage	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
MTC20F104XS1RC56BB1 MPFF	Micron	DDR5	48GB	Micron-Renesas	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
MTC20F208XS1RC56BB1 MMCC	Micron	DDR5	48GB	Micron-Montage	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
MTC40F2046S1RC56BD1 MMCC	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
MTC40F204WS1RC56BB1 IMCC	Micron	DDR5	96GB	Micron-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R2GA3PB0-CWMKH	Samsung	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R2GA3PB0-CWMXH	Samsung	DDR5	16GB	Samsung-Rambus	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R3GA3PB0-CWMXH	Samsung	DDR5	24GB	Samsung-Rambus	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R3GA3PB0-CWMCH	Samsung	DDR5	24GB	Samsung-Renesas	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R4GA0PB0-CWMKH	Samsung	DDR5	32GB	Samsung-Montage	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R4GA3PB0-CWMKH	Samsung	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R4GA3PB0-CWMXH	Samsung	DDR5	32GB	Samsung-Rambus	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R4GA0PB0-CWMXH	Samsung	DDR5	32GB	Samsung-Rambus	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R6GA0PB0-CWMCH	Samsung	DDR5	48GB	Samsung-Renesas	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R6GA3PB0-CWMXH	Samsung	DDR5	48GB	Samsung-Rambus	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R6GA3PB0-CWMCH	Samsung	DDR5	48GB	Samsung-Renesas	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
M321R6GA0PB0-CWMXH	Samsung	DDR5	48GB	Samsung-Rambus	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R8GA0PB0-CWMKH	Samsung	DDR5	64GB	Samsung-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321R8GA0PB0-CWMXH	Samsung	DDR5	64GB	Samsung-Rambus	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321RYGA0PB0-CWMKH	Samsung	DDR5	96GB	Samsung-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
M321RYGA0PB0-CWMCH	Samsung	DDR5	96GB	Samsung-Renesas	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
HMCG88AGBRA191N AA	Skhynix	DDR5	32GB	Skhynix-Rambus	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
HMCG88AGBRA190N BB	Skhynix	DDR5	32GB	Skhynix-Montage	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
HMCG88AGBRA191N BB	Skhynix	DDR5	32GB	Skhynix-Rambus	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
HMCGY8MGBRB231N BB	Skhynix	DDR5	48GB	Skhynix-Rambus	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	

Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
HMCGY8MGBRB228N AA	Skhynix	DDR5	48GB	Skhynix-Montage	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
HMCGY8MGBRB223N AA	Skhynix	DDR5	48GB	Skhynix-Renesas	2Rx8	1.1v	5600MHz	ECC Registered	288-pin	
HMCG94AGBRA181N AA	Skhynix	DDR5	64GB	Skhynix-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
HMCG94AGBRA181N BB	Skhynix	DDR5	64GB	Skhynix-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
HMCGM4MGBRB244N BB	Skhynix	DDR5	96GB	Skhynix-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	
HMCGM4MGBRB248N AA	Skhynix	DDR5	96GB	Skhynix-Rambus	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	

HDD

Product Name	Vendor	Type	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encription
SATA 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
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
ST18000NM000J	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	Exos X18	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

SATA/SAS SSD

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
SATA SSD							
MTFDDAK1T9TDS-1AW1ZABYY (5300 PRO)	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	
MTFDDAK1T9TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5400 PRO Series
MTFDDAK1T9TGB-1BC1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5400 MAX Series
MTFDDAK3T8TDS-1AW1ZABYY (5300 PRO)	Micron	SSD	2.5"	SATA	3.84TB	6Gb/s	
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-SME1720GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESM1720 Series
SSB960GTLCW-D2-ESW1710GBT	Phison	SSD	2.5"	SATA	960GB	6Gb/s	ESW1710 Series
SSB1K9GTLCW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	ESM1720 Series
SSB1K9GTLCW-D2-SME1720GBT ESM1720 Series	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	
MZ7L3480HCHQ-00A07	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	PM893 Series
MZ7L3480HCHQ-00A07 PM893 Series	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	
MZ7L31T9HBNA-00A07	Samsung	SSD	2.5"	SATA	1.92TB	6Gb/s	PM897 Series
MZ7L33T8HBLT-00A07 PM893 Series	Samsung	SSD	2.5"	SATA	3.84TB	6Gb/s	
SSDSC2KB240GZ	Solidigm	SSD	2.5"	SATA	240GB	6Gb/s	D3-S4520 Series
SSDSC2KB480GZ	Solidigm	SSD	2.5"	SATA	480GB	6Gb/s	D3-S4520 Series
SSDSC2KG480GZ01	Solidigm	SSD	2.5"	SATA	480GB	6Gb/s	D3-S4620 Series
SSDSC2KG960GZ01	Solidigm	SSD	2.5"	SATA	960GB	6Gb/s	D3-S4620 Series
SSDSC2KB019TZ	Solidigm	SSD	2.5"	SATA	1.92TB	6Gb/s	D3-S4520 Series
SSDSC2KG019TZ	Solidigm	SSD	2.5"	SATA	1.92TB	6Gb/s	D3-S4620 Series
SSDSC2KG038TZ	Solidigm	SSD	2.5"	SATA	3.84TB	6Gb/s	D3-S4620 Series

NVMe/SATA M.2

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

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
MTFDKBG1T9TDZ	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series
MTFDKBG1T9TDZ 1.92TB 7400 Pro Series	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	
MTFDKBG3T8TFR	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series
MTFDKBG3T8TDZ 3.84TB 7400 Pro Series	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	
MTFDKBG3T8TDZ	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series
MTFDKBG3T8TFR 3.84TB 7450 Pro Series	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	
MZ1L2960HCJR	Samsung	M.2	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series
MZ1L2960HCJR PM9A3 Series	Samsung	M.2	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	
MZ1L21T9HCLS	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series
MZ1L21T9HCLS PM9A3 Series	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	
MZ-1LB1T9N	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	983 DCT Series
MZ-1LB1T9N 983 DCT Series	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	
MTFDKBA800TFC 800GB 7400 Max Series	Micron	M.2	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	
MTFDKBA800TFS	Micron	M.2	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	7450 Max Series
CA6-8D1024	SSSTC	M.2	2280	PCIe(NVMe)	1TB	PCIe Gen4 x4	CA6 Series

NVMe SSD

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
U.2							
MTFDHAL3T2TDR 9300 Max Series	Micron	U.2	2.5" 15mm	SFF8639(NVMe)	3.2TB	PCIe Gen3 x4	
MZWLJ3T8HBLS PM1733 Series	Samsung	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
SSDPF2KX038TZ D7-P5510 Series	Solidigam	U.2	2.5" 15mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	
SSDPF2NV153TZ D5-P5316 Series	Solidigam	U.2	2.5" 15mm	SFF8639(NVMe)	15.35TB	PCIe Gen4 x4	
MZQL23T8HCLS PM9A3 Series	Samsung	U.2	2.5" 7mm	SFF8639(NVMe)	3.84TB	PCIe Gen4 x4	

PCIe SSD

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
PCIe							
Samsung PM1725b MZPLL3T2HAJQ PCIe Gen3 x8 3.2TB	Samsung	PCIe	PCI-E 3.0	PCIe(NVMe)	3.2TB	PCIe Gen3 x8	
SSDPEDKX040T701 P4500 Series PCIe Gen3 x4 4TB	Intel	PCIe	PCI-E 3.0	PCIe(NVMe)	4TB	PCIe Gen3 x4	

Storage Card

Product Name	Vendor	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	Extrenal Ports	External Connectors	Data Transfer Rates	Note
Broadcom									
eHBA 9600-24i Tri-Mode Storage Adapter (SAS/SATA mode)	Broadcom	SAS4024 (Avenger IOC)	PCIe Gen4 x8	24	3 SlimSAS SFF-8654	-	-	Up to 24Gb/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	
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 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 9660-16i Tri-Mode (NVMe)	Broadcom	SAS4116 (Avenger ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 24Gb/s per port	
LSI									
LSI SAS 9500-16i without Tri-mode	SAS3816	LSI	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	
LSI SAS 9500-8e without Tri-mode	SAS3808	LSI	PCIe Gen4 x8	8	2 SFF-8644	-	-	Up to 12Gb/s per port	
MegaRAID 9560-16i without Tri-mode	SAS3916 Tri-Mode RAID-on-Chip (ROC)	LSI	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port	

LAN Cards

Product Name	Vendor	Connector	System Interface Type	# of Ports	Data Rate	Note
Broadcom						
BCM957416A4160C	Broadcom	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM57416 (P210TP)
GIGABYTE						
CLN4224	GIGABYTE	RJ-45	PCIe Gen3 x8	Quad	10Gb/s per port	INTEL X550-AT2
CLN4M34	GIGABYTE	SFP28	PCIe Gen3 x16	Quad	10Gb/s per port	Mellanox ConnectX-4
CLN4752	GIGABYTE	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	INTEL XL710-BM2
Intel						
X722-DA4	Intel	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	
Intel® Ethernet Network Adapter X722-DA4	Intel	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	
E810-XXVDA4	Intel	SFP28	PCIe Gen4 x16	Quad	25Gb/s per port	Controller E810-CAM1
Intel® Ethernet Network Adapter E810-XXVDA4	Intel	SFP28	PCIe Gen4 x16	Quad	25Gb/s per port	
Intel® Ethernet Network Adapter XXV710-DA2	Intel	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	
XXV710-DA2	Intel	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	
XL710-QDA2	Intel	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	
Intel® Ethernet Converged Network Adapter XL710-QDA2	Intel	QSFP+	PCIe Gen3 x8	Dual	40Gb/s per port	
E810-CQDA2	Intel	QSFP28	PCIe Gen4 x16	Dual	100Gb/s per port	
Intel® Ethernet Network Adapter E810-CQDA2	Intel	QSFP28	PCIe Gen4 x16	Dual	100Gb/s per port	
NVIDIA						
MCX4121A-ACAT	NVIDIA	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Mellanox ConnectX-4 Lx EN
MCX631102AN-ADAT	NVIDIA	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port	Mellanox ConnectX®-6 Lx without Crypto
MCX653105A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX516A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 EN
MCX623106AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX®-6 Dx No Crypto, No Secure Boot
MCX613106A-VDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 EN
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	OSFP	PCIe Gen5 x16	Single	400Gb/s per port	NVIDIA ConnectX-7 VPI (InfiniBand)

Attention:
1. Please contact FAE support for below orange blocks
2. Storage (If the system build-in with RAID card ,please refer to RAID card QVL list)
3. undefined