

S451-Z30 Qualification Vendor List Ver:1.4

AMD CPU											
Product Name	Code Name	Package	Stepping	L3 Cache	# of Cores / Threads	Processor Base Freq (GHz)	All Cores Boost Max Freq (GHz)	Processor Boost	TDP	Memory Types	Processor Graphics
AMD 7351 PS7351BEVGPAP	Naples	SP3	PR	64MB	16 / 32	2.40	2.90	2.90 / 2	155W	DDR4-2400/2666	None
AMD 7351P PS7351PBEVGPAP	Naples	SP3	PR	64MB	16 / 32	2.40	2.90	2.90 / 2	155W	DDR4-2400/2666	None
AMD 7501 PS7501BEVHAF	Naples	SP3	PR	64MB	32 / 64	2.00	2.60	3.00 / 3	155W	DDR4-2400/2666	None
AMD 7401 PS7401BEVHCAF	Naples	SP3	PR	64MB	24 / 48	2.00	2.80	3.00 / 3	155W	DDR4-2400/2666	None
AMD 7401P PS7401PBEVHCAF	Naples	SP3	PR	64MB	24 / 48	2.00	2.80	3.00 / 3	155W	DDR4-2400/2666	None
AMD 7301 PS7301BEVGPAP	Naples	SP3	PR	64MB	16 / 32	2.20	2.70	2.70 / 2	155W	DDR4-2400/2666	None
AMD 7251 PS7251BFV8SAF	Naples	SP3	PR	32MB	8 / 16	2.00	2.90	2.90 / 2	120W	DDR4-2400	None
Product Name	Code Name	Package	Stepping	L3 Cache	# of Cores / Threads	Processor Base Freq (GHz)	All Cores Boost Max Freq (GHz)	Processor Boost	TDP	Memory Types	Processor Graphics
AMD 7452 100-000000057	ROME	SP3	B0 PR	128MB	32 / 64	2.35		3.35	155W	DDR4-3200	None
AMD 7352 100-000000077	ROME	SP3	B0 PR	128MB	24 / 48	2.30		3.20	155W	DDR4-3200	None
AMD 7302 100-000000043	ROME	SP3	B0 PR	128MB	16 / 32	2.80		3.30	155W	DDR4-3200	None
AMD 7282 100-000000078	ROME	SP3	B0 PR	64MB	16 / 32	2.40		3.20	120W/150W	DDR4-2666	None
AMD 7262 100-000000041	ROME	SP3	B0 PR	128MB	8 / 16	3.20		3.40	155W	DDR4-3200	None
AMD 7252 100-000000080	ROME	SP3	B0 PR	64MB	8 / 16	2.80		3.20	120W/150W	DDR4-2666	None
AMD 7302P 100-000000049	ROME	SP3	B0 PR	128MB	16 / 32	2.80		3.30	155W	DDR4-3200	None
Memory											
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
RDIMM											
HMA82GR7AFR8N-UHTD	DDR4	SKhynix	16GB	SK Hynix	2R X8	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA82GR7AFR8N-UHT2	DDR4	SKhynix	16GB	SK Hynix	2R X8	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA84GR7AFR4N-UHTD	DDR4	SKhynix	32GB	SK Hynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
HMA84GR7AFR4N-UHT2	DDR4	SKhynix	32GB	SK Hynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16GARFD424A.38FB1	DDR4	Crucial	16GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA36ASF2G72PZ-2G3B1QK	DDR4	Micron	16GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16GARFS424A.18FB1	DDR4	Crucial	16GB	Micron	1R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
MTA18ASF2G72PZ-2G3B1IG	DDR4	Micron	16GB	Micron	1R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
M4R0-8GS5BCSJ	DDR4	INNODISK	8GB	Samsung	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A4K09B1-CRC0Q	DDR4	Samsung	32GB	Samsung	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
VP9MR4G7224.JB.JSB	DDR4	Viking	32GB	Samsung	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
M393A4K09B2-CTD	DDR4	Samsung	32GB	Samsung	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32GARFD4266.36FD1	DDR4	CRUCIAL	32GB	Micron	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32GARFD4266-2G6D1	DDR4	CRUCIAL	32GB	Micron	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6D1RG	DDR4	Micron	32GB	Micron-Inphi	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6D1QG	DDR4	Micron	32GB	Micron-Montage	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32GARFD4266-2G6D1	DDR4	CRUCIAL	32GB	Micron	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR8N-VKT3	DDR4	SKhynix	16GB	Skhynix-Montage	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA84GR7AFR4N-VKTF	DDR4	SKhynix	32GB	Skhynix-IDT	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16GARFD8266-2G6H1.001	DDR4	CRUCIAL	16GB	Micron	2R X8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6H1QG	DDR4	Micron	16GB	Micron	2R X8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32GARFD4266-2G6H1.001	DDR4	CRUCIAL	32GB	Micron	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA36ASF4G72PZ-2G6H1QG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR4N-VKT3	DDR4	SKhynix	16GB	Skhynix-Montage	1R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA82GR7AFR4N-VKTF	DDR4	SKhynix	16GB	Skhynix-IDT	1R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMA84GR7AFR4N-VKT3	DDR4	SKhynix	32GB	Skhynix-Montage	2R X4	1.2v	2666MHz	ECC Registered	19	288-pin	
HMAA8GR7A2R4N-VNT3	DDR4	SKhynix	64GB	SKhynix	2S2R x4	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16GARFD8266.18FD1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT16GARFD8266.2G6D1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6D1QG	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6D1SG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
CT32GARFD4266.2G6E1.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
MTA18ASF2G72PDZ-2G6E1SG	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RS8HAI	DDR4	Kingston	8GB	SKhynix-IDT	1Rx8	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RS416HAI	DDR4	Kingston	16GB	SKhynix-IDT	1Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
KSM26RD432HAI	DDR4	Kingston	32GB	SKhynix-IDT	2Rx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M393A2K40CB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A2K40DB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A2K43CB2-CVFBQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A4K40CB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A4K40CB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A4K40CB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
ST4097RD420414-SC	DDR4	SMART	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A4K40DB2-CVFBQ	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
M393A8G40MB2-CVFBY	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT8GARFS8293.9FE1	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT8GARFS8293.2G9E1.001	DDR4	CRUCIAL	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1VG	DDR4	Micron	8GB	Micron-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1UG	DDR4	Micron	8GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF1G72PZ-2G9E1TI	DDR4	Micron	8GB	Micron-Montage	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16GARFD8293.18FE1	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16GARFD8293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1UG	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1VG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16GARFS4293.18FE1	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT16GARFS4293-2G9E1.001	DDR4	CRUCIAL	16GB	Micron	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PZ-2G9E1TK	DDR4	Micron	16GB	Micron-Montage	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PZ-2G9E1VG	DDR4	Micron	16GB	Micron-IDT	1Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1J3V1	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF2G72PDZ-2G9E1J3T1	DDR4	Micron	16GB	Micron	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA9ASF2G72PZ-2G9E1UI	DDR4	Micron	16GB	Micron	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT32GARFD4293-2G9E2.001	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
CT32GARFD4293.36FE2	DDR4	CRUCIAL	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ-2G9E2TG	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ-2G9E2VG	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF4G72PZ-2G9E2ZUG	DDR4	Micron	32GB	Micron	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA18ASF4G72PDZ-2G9E1TI	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
CT64GARFD4293-2G9B2.001	DDR4	Crucial	64GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF8G72PZ-2G9B2VI	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
MTA36ASF8G72PZ-2G9E1TI	DDR4	Micron	64GB	Micron-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA81GR7CJR8N-WM TG	DDR4	SKhynix	8GB	SKhynix-IDT	1Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA82GR7CJR8N-WM T4	DDR4	SKhynix	16GB	SKhynix-Montage	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA84GR7CJR4N-WM TG	DDR4	SKhynix	32GB	SKhynix-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
HMAA8GR7MUR4N-WM T4	DDR4	SKhynix	64GB	SKhynix-Montage	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
KSM29RD8/16MEI	DDR4	Kingston	16GB	Micron-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
KSM29RD4/32MEI	DDR4	Kingston	32GB	Micron-IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
NT16GA72D8PBX3P-IX	DDR4	Nanya	16GB	Nanya-IDT	2Rx8	1.2v	2933MHz	ECC Registered	21	288-pin	
NT32GA72D4NBX3P-IX	DDR4	Nanya	32GB	Nanya-Montage or IDT	2Rx4	1.2v	2933MHz	ECC Registered	21	288-pin	
HMA81GR7CJR8N-XN TG	DDR4	SKhynix	8GB	SKhynix-IDT	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA82GR7CJR8N-XN T4	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA82GR											

HMA82GR7DJR8N-XN T8	DDR4	SKhynix	16GB	SKhynix-Rambus	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA84GR7CJR4N-XN T8	DDR4	SKhynix	32GB	SKhynix	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA84GR7CJR4N-XN T4	DDR4	SKhynix	32GB	SKhynix	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA84GR7CJR4N-XN TG	DDR4	SKhynix	32GB	SKhynix	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
HMA84GR7DJR4N-XN T4	DDR4	SKhynix	32GB	SKhynix-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
HMAA8GR7AJR4N-XN TG	DDR4	SKhynix	64GB	SKhynix-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
CT8G4RFS832A.9FE1	DDR4	Crucial	8GB	Micron	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
CT8G4RFS832A.3G2E1.001	DDR4	Crucial	8GB	Micron	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA9ASF1G72PZ.3G2E1VG	DDR4	Micron	8GB	Micron	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
CT16GARFD832A.18FE1	DDR4	Crucial	16GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF2G72PDZ.3G2E1VG	DDR4	Micron	16GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
CT16GARFD832A.3G2E1.001	DDR4	Crucial	16GB	Micron	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF2G72PDZ.3G2E1U1K	DDR4	Micron	16GB	Micron	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA9ASF2G72PZ.3G2E1T1	DDR4	Micron	16GB	Micron	1Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF2G72PZ.3G2E2T1	DDR4	Micron	16GB	Micron	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF2G72PDZ.3G2J3U1	DDR4	Micron	16GB	Micron-Montage	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
CT32GARFD432A.38FE2 (3200MHz only support on 1DPC)	DDR4	Crucial	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
CT32GARFD432A.3G2E2.001 (3200MHz only support on 1DPC)	DDR4	Crucial	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF4G72PZ.3G2E2YG (3200MHz only support on 1DPC)	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
CT32GARFD432A.3G2E7.001	DDR4	Crucial	32GB	Micron-Montage or Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
CT32GARFD432A.38FE7	DDR4	Crucial	32GB	Micron-Montage or Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF4G72PZ.3G2E7V1	DDR4	Micron	32GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF4G72PZ.3G2E7T1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF4G72PDZ.3G2B2T1	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF4G72PZ.3G2J3U1	DDR4	Micron	32GB	Micron-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA18ASF4G72PDZ.3G2E1U1	DDR4	Micron	32GB	Micron-Montage	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
CT64GARFD432A.3G2B2.001	DDR4	Crucial	64GB	Micron	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF8G72PZ.3G2B2T1	DDR4	Micron	64GB	Micron	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
MTA36ASF8G72PZ.3G2E1V1	DDR4	Micron	64GB	Micron-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K40DB2-CWBEQ (3200MHz only support on 1DPC)	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K43DB2-CWBEQ (3200MHz only support on 1DPC)	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K43DB3-CWBEQ	DDR4	Samsung	16GB	Samsung-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K40DB3-CWEGQ	DDR4	Samsung	16GB	Samsung-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K40DB3-CWBEQ	DDR4	Samsung	16GB	Samsung-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A2K40DB3-CWECQ	DDR4	Samsung	16GB	Samsung-	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A4K40DB2-CWBEQ (3200MHz only support on 1DPC)	DDR4	Samsung	32GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A4K40DB3-CWECQ	DDR4	Samsung	32GB	Samsung-Montage	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A4K40DB3-CWBEQ	DDR4	Samsung	32GB	Samsung-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A4K40DB3-CWEGQ	DDR4	Samsung	32GB	Samsung-Rambus	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393A8G40AB2-CWBEQ	DDR4	Samsung	64GB	Samsung-IDT	2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
M393AAAG40M32-CAEBQ	DDR4	Samsung	128GB	Samsung	2S2Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
TR416G32S422-XNC	DDR4	V-color	16GB	SKhynix-Rambus	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	
KSM32RD8/16ME1	DDR4	Kingston	16GB	Micron-IDT	2Rx8	1.2v	3200MHz	ECC Registered	22	288-pin	
KSM32RD4/32ME1	DDR4	Kingston	32GB	Micron-IDT	1Rx4	1.2v	3200MHz	ECC Registered	22	288-pin	

LRDIMM

HMAA8GL7AMR4N-UHTE	DDR4	SKhynix	64GB	SKhynix	4DRx4	1.2v	2400MHz	ECC Registered	17	288-pin	
M386A8K40BM1-CRC4Q M	DDR4	Samsung	64GB	Samsung	4DRx4	1.2v	2400MHz	ECC Registered	17	288-pin	
HMAA8GL7AMR4N-VKTF	DDR4	SKhynix	64GB	SKhynix	4DRx4	1.2v	2666MHz	ECC Registered	19	288-pin	
M386A8K40DM2-CWELQ	DDR4	Samsung	64GB	Samsung-IDT	4DRx4	1.2v	3200MHz	ECC Registered	22	288-pin	

Storage

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	Note
ST8000NM0034	SAS	Seagate	3.5"	512e	6TB	12Gb/s	Enterprise Capacity V.4	128MB	7200	N/A	Test by CRA3338/CRA4448/CRA4548
ST8000NM0055	SATA	Seagate	3.5"	512e	8TB	6Gb/s	Enterprise Capacity V.5	256MB	7200	N/A	Test by CSA4648
MG04ACA600E	SATA	Toshiba	3.5"	512e	6TB	6Gb/s	Capacity	128MB	7200	N/A	Test by CRA3338/CRA4448/CRA4548
XF1212-1A0512	SSD	Seagate	2.5"	SATA	480GB	6Gb/s	RL04				
SDLF1CR-019T-1HA1	SSD	SanDisk	2.5"	SATA	1.92TB	6Gb/s	ZR04				
XA960LE10063	SSD	Seagate	2.5"	SATA	960GB	6Gb/s					

RAID Cards

Model	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connectors	External Ports	External Connectors	Data Transfer Rates	Note
GIGABYTE Storage Cards								
CRA4548	LSI SAS 3108	PCIe-x8 Gen4	4	1 x internal Mini-SAS HD SFF8643	4	1 x external Mini-SAS HD SFF8643	12Gb/s ports	
CRA4448	LSI SAS 3108	PCIe-x8 Gen3 x8 bus	8	2 x internal Mini-SAS HD SFF8643	-	-	12Gb/s ports	

LAN Cards

Product Name	Connector	System Interface Type	# of Ports	System Interface Type	Data rate	Note
GIGABYTE LAN Cards						
CLN4832	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port	INTEL 82599ES	
CLN4822	RJ-45	PCIe x8 Gen2 x8	Dual	10Gb/s per port	INTEL X540	
CLN4752	QSFP+	PCIe x8 Gen3 x8	Dual	40Gb/s per port	INTEL XL710	
CLN4314	RJ-45	PCIe x4 Gen2 x4	Quad	40Gb/s per port	INTEL I350-AM4	
GC-MLBZ1	SFP+	PCIe x8 Gen2 x8	Dual	10Gb/s per port	Broadcom BCM57810S	
CLN4222	RJ-45	PCIe x8 Gen3 x4	Dual	10Gb/s per port	INTEL X550-AT2	
CLN4312	RJ-45	PCIe x4 Gen2 x4	Dual	10Gb/s per port	INTEL I350-AM2	

Mellanox ConnectX®-3 VPI Adapter Cards

MCX354A-FCBT	QSFP	PCIe 3.0	Dual	FDR and 40/56GbE		
Solarflare Onload Server Adapters						
SFN7322E	SFP+	8.0GT/s (Gen3)	Dual	10Gb/s per port		
Broadcom (Emulex) Ethernet Networking Adapters						
OCe14102-NX	SFP+	PCIe 3.0 x8	Dual	10Gb/s per port		

Transceiver / AOC / DAC

Product Name / Product Number	Speed	Form Factor	Length	Connector type	nominal optical wavelength(nm)	Note
Transceiver						
Avago AFBR-799DMZ	10Gb/1Gb	SFP+	N/A	LR	850	
UMEC PDGFS7SRL00	10Gb/1Gb	SFP+	N/A	LR	850	
WAVESPLITTER WST-SFP+SR-C	10Gb/1Gb	SFP+	N/A	SR	850	
Finisar FTLX8574D3BCV	10Gb/1Gb	SFP+	N/A	SR	850	
Active Optical Cables (AOC)						
Avago AFBR-7CER03Z	10Gb	SFP+	3M	N/A	850	
Direct Attach Copper (DAC)						
Amphenol 586710004	10Gb	SFP+	7M	N/A	850	

MOLEX 747524501	10Gb	SFP+	5M	N/A	850					
M.2										
Product Name	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	Note			
M.2										
SSDPEKKA010T801 P4101 Series 1TB	M.2	Intel	2280	PCIe(NVMe)	1TB					
SSDPEKKA256G801 P4101 Series 256GB	M.2	Intel	2280	PCIe(NVMe)	256GB					
SSDPEKKA256G701 P3100 Series 256GB	M.2	Intel	2280	PCIe(NVMe)	256GB					
SSDPEKKA010T701 P3100 Series 1TB	M.2	Intel	2280	PCIe(NVMe)	1TB					
MZVPV128HDGM	M.2	Samsung	2280	PCIe(NVMe)	128GB					
MZVPV512HDGL	M.2	Samsung	2280	PCIe(NVMe)	512GB					
IM2P33F8-256GD	M.2	ADATA	2280	PCIe(NVMe)	256GB					
IM2P33F8-512GD	M.2	ADATA	2280	PCIe(NVMe)	512GB					