

Hyper-Speed Memory Testing List

The following modules were tested with Hyper-Speed settings. This list is for reference only and does not guarantee that the same performance levels will be reached. Stability will vary depending on the CPU and Memory module margins.

E5-2600 v3 (Haswell) Hyper-Speed Qualified DDR4 Memory Modules

Tested at 2218 MHz (Up to 2 DIMMs Per Channel, up to 16 DIMMs installed) - Set Hyper-Speed Level 3 and DDR Speed to 2133

Model	Manufacturer	Manufacturer Part #	Mem Type	Capacity	# of Ranks
MEM-DR432L-SL01-LR21	Samsung	M386A4G40DM0-CPB	LRDIMM	32GB	4
MEM-DR416L-HL01-ER21	Hynix	HMA42GR7MFR4N-TF	RDIMM	16 GB	2
MEM-DR480L-SL01-ER21	Samsung	M393A1G40DB0-CPB	RDIMM	8 GB	1

E5-2600 v2 (Ivy Bridge) Hyper-Speed Qualified DDR3 Memory Modules

Tested at 1941 MHz (Up to 2 DIMMs Per Channel, up to 16 DIMMs installed) - Set CPU BCLK to 104 and DDR Speed to 1866

Model	Manufacturer	Manufacturer Part #	Mem Type	Capacity	# of Ranks
MEM-DR316L-SL02-ER18	Samsung	M393B2G70QH0-CMA	RDIMM	16 GB	2
MEM-DR316L-HL01-ER18	Hynix	HMT42GR7AFR4C-RD	RDIMM	16 GB	2
MEM-DR380L-SL05-ER18	Samsung	M393B1G70QH0-CMA	RDIMM	8 GB	1
MEM-DR380L-HL02-ER18	Hynix	HMT41GR7AFR8C-RD	RDIMM	8 GB	2
MEM-DR340L-HL02-ER18	Hynix	HMT351R7EFR8C-RD	RDIMM	4 GB	2

E5-2600 (Sandy Bridge) Hyper-Speed Qualified DDR3 Memory Modules

Tested at 1941 MHz (1 DIMM Per Channel, up to 8 DIMMs installed) - Set CPU BCLK to 104 and DDR Speed to 1866

Model	Manufacturer	Manufacturer Part #	Mem Type	Capacity	# of Ranks
MEM-DR340L-SL01-EU16	Samsung	M391B5273DH0-CK0	UDIMM	4 GB	2
MEM-DR340L-HL02-EU16	Hynix	HMT351U7CFR8C-PB	UDIMM	4 GB	2
MEM-DR340L-SL02-ER16	Samsung	M393B5273DH0-CK0	RDIMM	4 GB	2
MEM-DR340L-HL02-ER16	Hynix	HMT351R7CFR8C-PB	RDIMM	4 GB	2
MEM-DR380L-SL02-ER16	Samsung	M393B1K70DH0-YK0	RDIMM	8 GB	2
MEM-DR380L-HL02-ER16	Hynix	HMT31GR7CFR4C-PB	RDIMM	8 GB	2

Tested at 1664 MHz (2 DIMMs Per Channel, up to 16 DIMMs installed) - Set CPU BCLK to 104 and DDR Speed to 1600

Model	Manufacturer	Manufacturer Part #	Mem Type	Capacity	# of Ranks
MEM-DR380L-SL02-ER16	Samsung	M393B1K70DH0-YK0	RDIMM	8 GB	2
MEM-DR380L-HL02-ER16	Hynix	HMT31GR7CFR4C	RDIMM	8 GB	2
MEM-DR316L-SL01-ER16	Samsung	M393B2G70BH0-CK0	RDIMM	16 GB	2
MEM-DR316L-HL01-ER16	Hynix	HMT42GR7MFR4C	RDIMM	16 GB	2