

Intel Platform Memory Operations

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Intel Platform Memory Operations

DDR3L 1600 ECC UDIMM Validation Results 2DIMM/ch, 2 channels

Listed below are the results from a small sample of DDR3L 1600 ECC UDIMM modules tested on Intel reference platforms based on Intel® Xeon® Processor E3-1200 v3 Processors (codename Haswell) and Intel® C220 Series Chipset. These DIMMs tested at 2DIMMs/channel, 2 channels loading configuration at 1.35V. We are providing this information as a guide to module compatibility with Intel® reference platforms. This testing is not intended to replace the normal OEM component qualification process. For results on specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

DDR3L-1600 (11-11-11) UDIMM ECC, 2DIMM/ch, 2 slot per ch, 2 channels, Vdd = 1.35V

DIMM Supplier	DIMM Part Number	DIMM Size	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM Date Code	Tested at
Crucial	CT102472BD160B.18FED	8GB	E	Micron	MT41K512M8RH-125:E	4Gb	x8	1335	1600 CL11
Crucial	CT51272BD160B.18FKD	4GB	E	Micron	MT41K256M8DA-125:K	2Gb	x8	1335	1600 CL11
Crucial	CT25672BD160B.9FKD	2GB	D	Micron	MT41K256M8DA-125:K	2Gb	x8	1335	1600 CL11
Elpida	EBJ81EG8EFWA-GN-F	8GB	E	Elpida	EDJ4208EFBG-GN-F	4Gb	x8	1330	1600 CL11
Kingston	KVR16LE11/8	8GB	E	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	1600 CL11
Micron	MT18KSF1G72AZ-1G6E1	8GB	E	Micron	MT41K512M8RH-125:E	4Gb	x8	1335	1600 CL11
Micron	MT18KSF51272AZ-1G6K1	4GB	E	Micron	MT41K256M8DA-125:K	2Gb	x8	1335	1600 CL11

Intel Platform Memory Operations

DIMM Supplier	DIMM Part Number	DIMM Size	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM Date Code	Tested at
Micron	MT9KSF25672AZ-1G6K1	2GB	D	Micron	MT41K256M8DA-125:K	2Gb	x8	1335	1600 CL11
Samsung	M391B1G73QH0-YK0	8GB	E	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	1600 CL11
Samsung	M391B5173QH0-YK0	4GB	D	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	1600 CL11
SK hynix	HMT41GU7AFR8A-PB	8GB	E	SK hynix	H5TC4G83AFR_PBA	4Gb	x8	1318	1600 CL11
SK hynix	HMT451U7AFR8A-PB	4GB	D	SK hynix	H5TC4G83AFR_PBA	4Gb	x8	1318	1600 CL11
SK hynix	HMT351U7EFR8A-PB	4GB	E	SK hynix	H5TC2G83EFR_PBA	2Gb	x8	1318	1600 CL11
SK hynix	HMT325U7EFR8A-PB	2GB	D	SK hynix	H5TC2G83EFR_PBA	2Gb	x8	1318	1600 CL11

Created on Feb 11th, 2014

Approved test labs

The following test labs have the capability of performing DDR3 UDIMM system-level testing. For further information, please contact:

Advanced Validation Labs

Intel Platform Memory Operations

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