

Intel Platform Memory Operations

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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		DIMM		Raw	DRAM	DRAM	DRAM	DRAM	Tested
Supplier	Part Number	Size	Card	Supplier	Part Number	Density	Width	Date Code	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	EJ81EG8EFWA-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

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

Attn: Rhonda Duda, Program Manager

17665B Newhope Street

Fountain Valley, CA 92708

USA Phone: 714-438-2787

rduda@validationlabs.com

