

Intel Platform Memory Operations

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DDR3 1866 Non-ECC UDIMM Validation Results 1DIMM/ch, 1 Slot per ch, 4 channels

Listed below are the results from a small sample of DDR3 1866 Non-ECC UDIMM modules tested on Intel reference desktop platforms based on Intel® X79 series chipset using the NEW Intel® Core™ i7 processor family for Socket LGA-2011 (codename Ivy Bridge-E). DIMMs tested at 1DIMMs/channel, 4 channels loading configuration. We are providing this information as a guide to module performance 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.

DDR3 -1866 (13-13-13) UDIMM non-ECC, 1DIMM/ch, 1 slot per ch, 4 channels, at Vdd=1.5V

DIMM Supplier	DIMM Part Number	DIMM Size	Native Voltage	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM Date Code	Tested Speed
Elpida	EBJ81UG8BFW0-JS-F	8GB	DDR3	B	Elpida	EDJ4208BFBG-JS-F	4Gb	x8	1311	1866 CL13
Elpida	EBJ40UG8BFW0-JS-F	4GB	DDR3	A	Elpida	EDJ4208BFBG-JS-F	4Gb	x8	1311	1866 CL13
Micron	MT16KTF1G64AZ-1G9E1	8GB	DDR3	B	Micron	MT41K512M8RH-107	4Gb	x8	1328	1866 CL13
Micron	MT8KTF51264AZ-1G9E1	4GB	DDR3	A	Micron	MT41K512M8RH-107	4Gb	x8	1328	1866 CL13

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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

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