

Intel Platform Memory Operations

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DDR3 1333 Non-ECC UDIMM Validation Results 2DIMM/ch

Listed below are the results from a small sample of DDR3 1333 Non-ECC UDIMM modules tested on reference desktop platforms based on Intel® 6 series express chipsets using 2nd Generation Intel® Core™ i7 processors (codename Sandy Bridge), in a 2DIMMs/channel 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.

DDR3-1333 (9-9-9) UDIMM non-ECC, 2DIMM/ch

New/added parts

DIMM Supplier	DIMM Part #	DIMM Size	Raw Card	Tested Speed	DRAM Supplier	DRAM Part #	DRAM Density	DRAM Width	DRAM Date
Elpida	EBJ21UE8BFW0-DJ-F	2GB	B	1333 CL9	Elpida	EDJ1108BFBG-DJ-F	1Gb	x8	1039
Elpida	EBJ10UE8BFW0-DJ-F	1GB	A	1333 CL9	Elpida	EDJ1108BFBG-DJ-F	1Gb	x8	1039
Elpida	EBJ20UF8BCF0-DJ-F	2GB	A	1333 CL9	Elpida	EDJ2108BCSE-DJ-F	2Gb	x8	1050
Elpida	EBJ41UF8BCF0-DJ-F	4GB	B	1333 CL9	Elpida	EDJ2108BCSE-DJ-F	2Gb	x8	1050
Elpida	EBJ81UG8BAF0-DJ-F	8GB	B	1333 CL9	Elpida	EDJ4208BASE-DJ-F	4Gb	x8	1112
Hynix	HMT125U6TFR8C-H9	2GB	B	1333 CL9	Hynix	H5TQ1G83TFR-H9C	1Gb	x8	1040
Hynix	HMT112U6TFR8C-H9	1GB	A	1333 CL9	Hynix	H5TQ1G83TFR-H9C	1Gb	x8	1040
Hynix	HMT325U6BFR8C-H9	2GB	A	1333 CL9	Hynix	H5TQ2G83BFR-H9C	2Gb	x8	1046
Hynix	HMT351U6BFR8C-H9	4GB	B	1333 CL9	Hynix	H5TQ2G83BFR-H9C	2Gb	x8	1046
Hynix	HMT325U6CFR8C-H9	2GB	A	1333 CL9	Hynix	H5TQ2G83CFR-H9C	2Gb	x8	1133
Hynix	HMT351U6CFR8C-H9	4GB	B	1333 CL9	Hynix	H5TQ2G83CFR-H9C	2Gb	x8	1133

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Hynix	HMT41GU6MFR8C-H9	8GB	B	1333 CL9	Hynix	H5TQ4G83MFR-H9C	4Gb	x8	1108
Kingston	KVR1333D3N9/2G	2GB	B	1333 CL9	Hynix	H5TQ1G83TFR-H9C	1Gb	x8	1032
Kingston	KVR1333D3N9/1G	1GB	A	1333 CL9	Hynix	H5TQ1G83TFR-H9C	1Gb	x8	1028
Micron	MT16JTF25664AZ-1G4G1	2GB	B	1333 CL9	Micron	MT41J128M8JP-15E:G	1Gb	x8	1112
Micron	MT8JTF12864AZ-1G4G1	1GB	A	1333 CL9	Micron	MT41J128M8JP-15E:G	1Gb	x8	1112
Micron	MT16JTF51264AZ-1G4D1	4GB	B	1333 CL9	Micron	MT41J256M8HX-15E:D	2Gb	x8	1039
Micron	MT8JTF25664AZ-1G4D1	2GB	A	1333 CL9	Micron	MT41J256M8HX-15E:D	2Gb	x8	1039
Micron	MT8JTF25664AZ-1G4H1	2GB	A	1333 CL9	Micron	MT41J256M8DA-15E:H	2Gb	x8	1108
Micron	MT16JTF51264AZ-1G4H1	4GB	B	1333 CL9	Micron	MT41J256M8DA-15E:H	2Gb	x8	1108
Micron	MT8JTF25664AZ-1G4M1	2GB	A	1333 CL9	Micron	MT41K256M8DA-125:M	2Gb	x8	1129
Micron	MT16JTF51264AZ-1G4M1	4GB	B	1333 CL9	Micron	MT41K256M8DA-125:M	2Gb	x8	1129
Micron	MT8JTF25664AZ-1G4J1	2GB	A	1333 CL9	Micron	MT41J256M8DA-15E:J	2Gb	x8	1122
Micron	MT16JTF51264AZ-1G4J1	4GB	B	1333 CL9	Micron	MT41J256M8DA-15E:J	2Gb	x8	1122
Nanya	NT2GC64B88B0NF-CG	2GB	A	1333 CL9	Nanya	NT5CB256M8BN-CG	2Gb	x8	1045
Nanya	NT4GC64B8HB0NF-CG	4GB	B	1333 CL9	Nanya	NT5CB256M8BN-CG	2Gb	x8	1045
Nanya	NT1GC64BH4B0PF-CG	1GB	C	1333 CL9	Nanya	NT5CB128M16BP-CG	2Gb	x16	1052
Nanya	NT2GC64B88G0NF-CG	2GB	A	1333 CL9	Nanya	NT5CB256M8GN-CG	2Gb	x8	1134
Nanya	NT4GC64B8HG0NF-CG	4GB	B	1333 CL9	Nanya	NT5CB256M8GN-CG	2Gb	x8	1134
Samsung	M378B5773DH0-CH9	2GB	A	1333 CL9	Samsung	K4B2G0846D-HCH9	2Gb	x8	1037
Samsung	M378B5773CH0-CH9	2GB	A	1333 CL9	Samsung	K4B2G0846C-HCH9	2Gb	x8	1112
Samsung	M378B2873FH0-CH9	1GB	A	1333 CL9	Samsung	K4B1G0846F-HCH9	1Gb	x8	1046

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Samsung	M378B5673FH0-CH9	2GB	B	1333 CL9	Samsung	K4B1G0846F-HCH9	1Gb	x8	1046
Samsung	M378B2873GB0-CH9	1GB	A	1333 CL9	Samsung	K4B1G0846G-BCH9	1Gb	x8	1043
Samsung	M378B5673GB0-CH9	2GB	B	1333 CL9	Samsung	K4B1G0846G-BCH9	1Gb	x8	1122
Samsung	M378B5273DH0-CH9	4GB	B	1333 CL9	Samsung	K4B2G0846D-HCH9	2Gb	x8	1037
Samsung	M378B5273CH0-CH9	4GB	B	1333 CL9	Samsung	K4B2G0846C-HCH9	2Gb	x8	1112
Samsung	M378B5773EB0-CH9	2GB	A	1333 CL9	Samsung	K4B2G0846E-BCH9	2Gb	x8	1137*
Samsung	M378B1G73BH0-CH9	8GB	B	1333 CL9	Samsung	K4B4G0846B-HCH9	4Gb	x8	1113

* Test coverage based on limited 1Rx8 UDIMM samples. 2Rx8 SoDIMM, UDIMM and RDIMM test pending due to lack of samples

Updated November 4, 2011

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

Attn: Rhonda Duda, Program Manager

17665B Newhope Street

Fountain Valley, CA 92708

USA

Phone: 714-438-2787,

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