

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/L - 1333 (9-9-9) UDIMM non-ECC, 2DIMM/ch, tested at 1.5V

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
Elpida	EBJ20UF8BDW0-DJ-F	2GB	A	1333 CL9	Elpida	EDJ2108BDBG-DJ-F	2Gb	X8	1146
Elpida	EBJ41UF8BDW0-DJ-F	4GB	B	1333 CL9	Elpida	EDJ2108BDBG-DJ-F	2Gb	X8	1146
Elpida	EBJ40UG8BBW0-DJ-F	4GB	A	1333 CL9	Elpida	EDJ4208BBBG-GN-F	4Gb	X8	1146
Elpida	EBJ81UG8BBW0-DJ-F	8GB	B	1333 CL9	Elpida	EDJ4208BBBG-GN-F	4Gb	X8	1146
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

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Hynix	HMT325U6BFR8C-H9	2GB	A	1333 CL9	Hynix	H5TQ2G83BFR-H9C	2Gb	x8	1146
Hynix	HMT351U6BFR8C-H9	4GB	B	1333 CL9	Hynix	H5TQ2G83BFR-H9C	2Gb	x8	1146
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
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
Micron	MT8KTF25664AZ-1G4M1	2GB	A	1333 CL9	Micron	MT41K256M8DA-125:M	2Gb	x8	1129
Micron	MT16KTF51264AZ-1G4M1	4GB	B	1333 CL9	Micron	MT41K256M8DA-125:M	2Gb	x8	1129
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

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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
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	M378B5273EB0-CH9	4GB	B	1333 CL9	Samsung	K4B2G0846E-BCH9	2Gb	x8	1137
Samsung	M378B1G73BH0-CH9	8GB	B	1333 CL9	Samsung	K4B4G0846B-HCH9	4Gb	x8	1113

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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

Attn: Rhonda Duda, Program Manager
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