Disclaimer

DDR3 1600 Non-ECC SODIMM Validation Results 1DIMM/ch

Listed below are the results from a small sample of DDR3 1600 Non-ECC SoDIMM modules tested on reference platforms based on Intel® 6 series express chipsets using Intel® Core™ i7 processors (codename Sandy Bridge), in a 1DIMM/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.

DIMM Vendor	DIMM Size	DIMM Part#	R/C	DRAM Vendor	DRAM Part#	DRAM Config	DRAM Date Code
A-Data	1GB	SU3S1600B1G11-B	B	Hynix	H5TQ1G83DFR-PBC	1Gbx8	1030
A-Data	2GB	SU3S1600B2G11-B	F	Hynix	H5TQ1G83DFR-PBC	1Gbx8	1030
A-Data	4GB	SU3S1600C4G11-B	F	Hynix	H5TQ2G83BFR-PBC	2Gbx8	1046
Elpida	1GB	EBJ21UE8BFU0-GN-F	B	Elpida	EDJ1108BFBG-GN-F	1Gbx8	1039
Elpida	2GB	EBJ10UE8BFU0-GN-F	F	Elpida	EDJ1108BFBG-GN-F	1Gbx8	1039
Hynix	1GB	HMT112S6TFR8C-PB	B	Hynix	H5TQ1G83TFR-PBC	1Gbx8	1028
Hynix	2GB	HMT125S6TFR8C-PB	F	Hynix	H5TQ1G83TFR-PBC	1Gbx8	1028
Hynix	1GB	HMT312S6BFR6C-PB	C	Hynix	H5TQ2G63BFR-PBC	2Gbx16	1048
Hynix	2GB	HMT325S6BFR6C-PB	A	Hynix	H5TQ2G63BFR-PBC	2Gbx16	1048
Hynix	2GB	HMT325S6BFR8C-PB	B	Hynix	H5TQ2G83BFR-PBC	2Gbx8	1048
Hynix	4GB	HMT351S6BFR8C-PB	F	Hynix	H5TQ2G83BFR-PBC	2Gbx8	1048

Kingston	1GB	KVR1600D3S11/1G	B	Hynix	H5TQ1G83TFR-PBC	1Gbx8	1022
Kingston	2GB	KVR1600D3S11/2G	F	Hynix	H5TQ1G83TFR-PBC	1Gbx8	1022
Samsung	1GB	M471B2873FHS-CK0	B	Samsung	K4B1G0846F-HCK0	1Gbx8	1046
Samsung	2GB	M471B5673FH0-CK0	F	Samsung	K4B1G0846F-HCK0	1Gbx8	1046
Samsung	2GB	M471B5773CHS-CK0	B	Samsung	K4B2G0846C-HCK0	2Gbx8	1010
Samsung	2GB	M471B5773DH0-CK0	B	Samsung	K4B2G0846D-HCK0	2Gbx8	1028
Samsung	4GB	M471B5273CH0-CK0	F	Samsung	K4B2G0846C-HCK0	2Gbx8	1010
Samsung	4GB	M471B5273DH0-CK0	F	Samsung	K4B2G0846D-HCK0	2Gbx8	1043
Samsung	8GB	M471B1G73AH0-CK0	F	Samsung	K4B4G0846A-HCK0	4Gbx8	1039
Samsung	8GB	M471B1G73BH0-CK0	F	Samsung	K4B4G0846B-HCK0	4Gbx8	1113
Nanya	2GB	NT2GC64B88G0NS-DI	B	Nanya	NT5CB256M8GN-DI	2Gbx8	1134
Nanya	4GB	NT4GC64B8HG0NS-DI	F	Nanya	NT5CB256M8GN-DI	2Gbx8	1134

DDR3 1333 Non-ECC SODIMM Validation Results 1DIMM/ch

Listed below are the results from a small sample of DDR3 1333 Non-ECC SoDIMM modules tested on reference platforms based on Intel® 6 series express chipsets using Intel® Core™ i7 processors (codename Sandy Bridge), in a 1DIMM/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.

DIMM Vendor	DIMM Size	DIMM Part#	R/C	DRAM Vendor	DRAM Part#	DRAM Config	DRAM Date Code
Elpida	1GB	EBJ10UE8BFU0-DJ-F	B	Elpida	EDJ1108BFBG-DJ-F	1Gbx8	1047
Elpida	2GB	EBJ21UE8BFU0-DJ-F	F	Elpida	EDJ1108BFBG-DJ-F	1Gbx8	1047
Elpida	2GB	EBJ20UF8BCS0-DJ-F	B	Elpida	EDJ2108BCSE-DJ-F	2Gbx8	1050
Elpida	4GB	EBJ41UF8BCS0-DJ-F	F	Elpida	EDJ2108BCSE-DJ-F	2Gbx8	1048
Elpida	8GB	EBJ81UG8BAS0-DJ-F	F	Elpida	EDJ4208BASE-DJ-F	4Gbx8	1105
Hynix	1GB	HMT312S6BFR6C-H9	C	Hynix	H5TQ2G63BFR-H9C	2Gbx16	1046
Hynix	2GB	HMT325S6BFR6C-H9	A	Hynix	H5TQ2G63BFR-H9C	2Gbx16	1046
Hynix	2GB	HMT325S6BFR8C-H9	B	Hynix	H5TQ2G83BFR-H9C	2Gbx8	1046
Hynix	4GB	HMT351S6BFR8C-H9	F	Hynix	H5TQ2G83BFR-H9C	2Gbx8	1046
Hynix	2GB	HMT325S6CFR8C-H9	B	Hynix	H5TQ2G83CFR-H9C	2Gbx8	1102
Hynix	4GB	HMT351S6CFR8C-H9	F	Hynix	H5TQ2G83CFR-H9C	2Gbx8	1102
Hynix	8GB	HMT41GS6MFR8C-H9	F	Hynix	H5TQ4G83MFR-H9C	4Gbx8	1049
Micron	1GB	MT8JTF12864HDZ-1G4G1	A	Micron	MT41J64M16JT-15E	1Gbx16	1040
Micron	1GB	MT8JTF12864HZ-1G4G1	B	Micron	MT41J128M8JP-15E	1Gbx8	1042
Micron	2GB	MT8JSF25664HZ-1G4D1	B	Micron	MT41J256M8HX-15E	2Gbx8	1046
Micron	4GB	MT16JSF51264HZ-1G4D1	F	Micron	MT41J256M8HX-15E	2Gbx8	1046
Micron	2GB	MT16JTF25664HZ-1G4G1	F	Micron	MT41J128M8JP-15E	1Gbx8	1042
Micron	2GB	MT8JTF25664HZ-1G4H1	B	Micron	MT41J256M8DA-15E	2Gbx8	1044

Micron	4GB	MT16JTF51264HZ-1G4H1	F	Micron	MT41J256M8DA-15E	2Gbx8	1044
Micron	2GB	MT8JTF25664HZ-1G4M1	B	Micron	MT41K256M8DA-125:M	2Gbx8	1129
Micron	4GB	MT16JTF51264HZ-1G4M1	F	Micron	MT41K256M8DA-125:M	2Gbx8	1129
Nanya	2GB	NT2GC64B88B0NS-CG	B	Nanya	NT5CB256M8BN-CG	2Gbx8	1045
Nanya	4GB	NT4GC64B8HB0NS-CG	F	Nanya	NT5CB256M8BN-CG	2Gbx8	1045
Nanya	2GB	NT2GC64B88G0NS-CG	B	Nanya	NT5CB256M8GN-CG	2Gbx8	1134
Nanya	4GB	NT4GC64B8HG0NS-CG	F	Nanya	NT5CB256M8GN-CG	2Gbx8	1134
Samsung	1GB	M471B2873GB0-CH9	B	Samsung	K4B1G0846G-BCH9	1Gbx8	1049
Samsung	1GB	M471B2873FHS-CH9	B	Samsung	K4B1G0846F-HCH9	1Gbx8	1046
Samsung	2GB	M471B5673FH0-CH9	F	Samsung	K4B1G0846F-HCH9	1Gbx8	1046
Samsung	2GB	M471B5773CHS-CH9	B	Samsung	K4B2G0846C-HCH9	2Gbx8	1016
Samsung	4GB	M471B5273CH0-CH9	F	Samsung	K4B2G0846C-HCH9	2Gbx8	1016
Samsung	2GB	M471B5773DH0-CH9	B	Samsung	K4B2G0846D-HCH9	2Gbx8	1031
Samsung	4GB	M471B5273DH0-CH9	F	Samsung	K4B2G0846D-HCH9	2Gbx8	1031
Samsung	8GB	M471B1G73AH0-CH9	F	Samsung	K4B4G0846A-HCH9	4Gbx8	1016
Samsung	2GB	M471B5773EB0-CH9	B	Samsung	K4B2G0846E-BCH9	2Gbx8	1134*
Samsung	4GB	M471B5273EB0-CH9	F	Samsung	K4B2G0846E-BCH9	2Gbx8	1136*
Samsung	8GB	M471B1G73BH0-CH9	F	Samsung	K4B4G0846B-HCH9	4Gbx8	1113

***Test coverage based on limited 1R/2R x8 SoDIMM samples. UDIMM and RDIMM test pending due to lack of samples**

Update November 4, 2011.

Approved test labs

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

Advanced Validation Labs

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