

DDR2-800 Non ECC Unbuffered DIMM System Validation Results

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Listed below are the results of testing a small sample of DDR2 800MHz UDIMM modules on Intel® reference systems, so as to provide a guideline for memory compatibility with Intel® chipsets. We are providing this information as a guide to module performance. This testing is not intended to replace the normal OEM module qualification process. For results on specific Intel® or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

Module Supplier Module Part Number	DRAM Comp Vendor Comp Part Number	Module Density	DRAM Density	DRAM Width	Latency CL-tRCD-tRP	Misc	DRAM Date Code
A-Data M2OSS6G3I4170I1E5Z	Samsung K4T51083QC-ZCE7	1GB	512Mb	x8	5-5-5	-	0625
Hynix HYMP512U64BP8-S5	Hynix HY5PS12821BFP-S5	1GB	512Mb	x8	5-5-5	-	0552
Hynix HYMP564U64CP8-S5	Hynix HY5PS12821CFP-S5	512MB	512Mb	x8	5-5-5	-	0637
Hynix HYMP125U64CP8-S5	Hynix HY5PS1G831CFP-S5	2GB	1Gb	X8	5-5-5	-	0652
Hynix HYMP532U64CP6-S5	Hynix HY5PS121621CFP-S5	256MB	512Mb	x16	5-5-5	-	0637
Hynix HYMP112U64CP8-S5	Hynix HY5PS1G831CFP-S5	1GB	1Gb	x8	5-5-5	-	0647
Hynix HYMP512U64CP8-S5	Hynix HY5PS12821CFP-S5	1GB	512Mb	x8	5-5-5	-	0640
Hynix HYMP564U64BP8-S5	Hynix HY5PS12821BFP-S5	512MB	512Mb	x8	5-5-5	-	0552
Kingston KVR800D2N5/1G	Samsung K4T51083QC-ZCE7	1GB	512Mb	x8	5-5-5	-	0540
Kingston KVR800D2N5/512	Samsung K4T51083QC-ZCE7	512MB	512Mb	x8	5-5-5	-	0540
Micron MT16HTF12864AY-80ED4	Micron MT47H64M8B6-25E	1GB	512Mb	x8	5-5-5	-	0610
Micron MT8HTF6464AY-80ED4	Micron MT47H64M8B6-25E	512MB	512Mb	x8	5-5-5	-	0614
Micron MT4HTF3264AY-80ED3	Micron MT47H32M16BN-25E	256MB	512Mb	x16	5-5-5	-	0610
Nanya NT1GT64U8HB0BY-25C	Nanya NT5TU64M8BE-25C	1GB	512Mb	x8	5-5-5	-	0612
Nanya NT512T64U88B0BY-25C	Nanya NT5TU64M8BE-25C	512MB	512Mb	x8	5-5-5	-	0612

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Qimonda HYS64T128020HU-2.5F-B	Qimonda HYB18T512800BF-2.5F	1GB	512Mb	x8	5-5-5	-	0604
Qimonda HYS64T64000HU-2.5F-B	Qimonda HYB18T512800BF-2.5F	512MB	512Mb	x8	5-5-5	-	0547
Qimonda HYS64T32001HU-2.5F-A	Qimonda HYB18T256800AF-2.5F	256MB	256Mb	x8	5-5-5	-	0618
Samsung M378T5663DZ3-CE7	Samsung K4T1G084QD-ZCE7	2GB	1Gb	X8	5-5-5	-	0640
Samsung M378T2953CZ3-CE7	Samsung K4T51083QC-ZCE7	1GB	512Mb	x8	5-5-5	-	0546

Samsung M378T6553CZ3-CE7	Samsung K4T51083QC-ZCE7	512MB	512Mb	x8	5-5-5	-	0546
Samsung M378T3354CZ3-CE7	Samsung K4T51163QC-ZCE7	256MB	512Mb	x16	5-5-5	-	0622
Twinmos 8D-25JK5MKETP	Samsung K4T51083QC-ZCE7	512MB	512Mb	x8	5-5-5	-	0607
Wintec 39128284C	Samsung K4T51083QC-ZCE7	512MB	512Mb	x8	5-5-5	-	0540

Samsung M378T2863DZS-CE7	Samsung K4T1G084QD-ZCE7	1GB	1Gb	x8	5-5-5	-	0649
Samsung M378T3354EZ3-CE7	Samsung K4T51163QE-ZCE7	256MB	512Mb	x16	5-5-5	-	0649
Samsung M378T6553Ezs-CE7	Samsung K4T51083QE-ZCE7	512MB	512Mb	x8	5-5-5	-	0649
Samsung M378T2953EZ3-CE7	Samsung K4T51083QE-ZCE7	1GB	512Mb	X8	5-5-5	-	0652