

## 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
<b>A-Data</b> M20SS6G3I4170I1E5Z	<b>Samsung</b> K4T51083QC-ZCE7	1GB	512Mb	x8	5-5-5	-	0625
<b>Hynix</b> HYMP512U64BP8-S5	<b>Hynix</b> HY5PS12821BFP-S5	1GB	512Mb	x8	5-5-5	-	0552
<b>Hynix</b> HYMP564U64CP8-S5	<b>Hynix</b> HY5PS12821CFP-S5	512MB	512Mb	x8	5-5-5	-	0637
<b>Hynix</b> HYMP125U64CP8-S5	<b>Hynix</b> HY5PS1G831CFP-S5	2GB	1Gb	X8	5-5-5	-	0652
<b>Hynix</b> HYMP532U64CP6-S5	<b>Hynix</b> HY5PS121621CFP-S5	256MB	512Mb	x16	5-5-5	-	0637
<b>Hynix</b> HYMP112U64CP8-S5	<b>Hynix</b> HY5PS1G831CFP-S5	1GB	1Gb	x8	5-5-5	-	0647
<b>Hynix</b> HYMP512U64CP8-S5	<b>Hynix</b> HY5PS12821CFP-S5	1GB	512Mb	x8	5-5-5	-	0640
<b>Hynix</b> HYMP564U64BP8-S5	<b>Hynix</b> HY5PS12821BFP-S5	512MB	512Mb	x8	5-5-5	-	0552
<b>Kingston</b> KVR800D2N5/1G	<b>Samsung</b> K4T51083QC-ZCE7	1GB	512Mb	x8	5-5-5	-	0540
<b>Kingston</b> KVR800D2N5/512	<b>Samsung</b> K4T51083QC-ZCE7	512MB	512Mb	x8	5-5-5	-	0540
<b>Micron</b> MT16HTF12864AY-80ED4	<b>Micron</b> MT47H64M8B6-25E	1GB	512Mb	x8	5-5-5	-	0610
<b>Micron</b> MT8HTF6464AY-80ED4	<b>Micron</b> MT47H64M8B6-25E	512MB	512Mb	x8	5-5-5	-	0614
<b>Micron</b> MT4HTF3264AY-80ED3	<b>Micron</b> MT47H32M16BN-25E	256MB	512Mb	x16	5-5-5	-	0610
<b>Nanya</b> NT1GT64U8HB0BY-25C	<b>Nanya</b> NT5TU64M8BE-25C	1GB	512Mb	x8	5-5-5	-	0612
<b>Nanya</b> NT512T64U88B0BY-25C	<b>Nanya</b> NT5TU64M8BE-25C	512MB	512Mb	x8	5-5-5	-	0612

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

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

<b>Samsung</b> M378T2863DZS-CE7	<b>Samsung</b> K4T1G084QD-ZCE7	1GB	1Gb	x8	5-5-5	-	0649
<b>Samsung</b> M378T3354EZ3-CE7	<b>Samsung</b> K4T51163QE-ZCE7	256MB	512Mb	x16	5-5-5	-	0649
<b>Samsung</b> M378T6553EZS-CE7	<b>Samsung</b> K4T51083QE-ZCE7	512MB	512Mb	x8	5-5-5	-	0649
<b>Samsung</b> M378T2953EZ3-CE7	<b>Samsung</b> K4T51083QE-ZCE7	1GB	512Mb	X8	5-5-5	-	0652