

DDR2 Unbuffered DIMMs Evaluated with the AMD Sempron™ Processor

This list contains DDR2 unbuffered DIMMs that have been evaluated by AMD and have shown reliable operation on the AMD internal reference platform. Testing included functional testing over voltage and temperature, as well as frequency and V_{REF} margining.

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DDR2 Unbuffered DIMMs

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC
Elpida	400	1GB	2Rx8	EBE11UD8AEFA-4A-E	NO
	667	512MB	1Rx8	EBE51UD8AEFA-6E-E	NO
Hynix	400	1GB	2Rx8	HYMP512U64P8-E3	NO
	533	256MB	1Rx16	HYMP532U64BP6-C4	NO
				HYMP532U64CP6-C4	NO
		512MB	1Rx8	HYMP564U64BP8-C4	NO
				HYMP564U64CP8-C4	NO
		1GB	2Rx8	HYMP512U64P8-C4	NO
				HYMP512U64BP8-C4	NO
	HYMP512U64CP8-C4			NO	
	667	256MB	1Rx16	HYMP532U64BP6-Y5	NO
				HYMP532U64CP6-Y5	NO
		512MB	1Rx8	HYMP564U64BP8-Y5	NO
				HYMP564U64CP8-Y5	NO
				HYMP564U64EP8-Y5	NO
				HYMP164U64CP6-Y5	NO
		1GB	2Rx8	HYMP512U64AP8-Y5	NO
				HYMP512U64BP8-Y5	NO
				HYMP512U64CP8-Y5	NO
				HYMP512U64EP8-Y5	NO
	2GB	2Rx8	HYMP112U64CP8-Y5	NO	
HYMP112U72CP8-Y5			YES		
HYMP125U72CP8-Y5			YES		
HYMP125U64CP8-Y5			NO		
Kingston	533	512MB	1Rx8	KVR533D2E4/512	NO
		1GB	2Rx8	KVR533D2E4/1G	NO
		2GB	2Rx8	KVR533D2E4/2G	NO
	667	256MB	1Rx8	KVR667D2N5/256	NO
		512MB	1Rx8	KVR667D2N5/512	NO
		1GB	2Rx8	KVR667D2N5/1G	NO

DDR2 Unbuffered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC	
Micron	533	256MB	1Rx16	MT4HTF3264AY-53ED3	NO	
		512MB	1Rx8	MT9HTF6472AY-53ED4	YES	
		1GB	2Rx8	MT16HTF12864AY-53ED4	NO	
			1Rx8	MT18HTF12872AY-53ED4	YES	
		2GB	2Rx8	MT8HTF12864AY-53EE1	NO	
	667	2GB	2Rx8	MT16HTF25664AY-53EE1	NO	
		256MB	1Rx16	MT4HTF3264AY-667D3	NO	
			1Rx8	MT8HTF6464AY-667D7	NO	
				MT9HTF6472AY-667D4	YES	
		1GB	2Rx8	MT16HTF12864AY-667D4	NO	
			1Rx8	MT18HTF12872AY-667D4	YES	
		2GB	2Rx8	MT8HTF12864AY-667E1	NO	
	Nanya	400	512MB	1Rx8	NT512T64U88A0BY-5A	NO
			1GB	2Rx8	NT1GT64U8HA0BY-5A	NO
667		256MB	1Rx16	NT256T64UH4B0FY-3C	NO	
				NT512T64U88A1BY-3C	NO	
				NT512T64U88B0BY-3C	NO	
				NT512T72U89B0BY-3C	YES	
		1GB	2Rx8	NT1GT64U8HA1BY-3C	NO	
				NT1GT64U8HB0BY-3C	NO	
				NT1GT72U8PB0BY-3C	YES	
		2GB	2Rx8	NT1GT72U89D0BY-3C	YES	
				NT2GT72U8PD0BY-3C	YES	
				NT2GT64U8HB0JY-3C	NO	
NT2GT72U8PB0JY-3C		YES				
PSC	667	512MB	1Rx8	AL6E8E63B-6E1T	NO	
			1Rx8	AL7E8F73C-6E1	NO	
		1GB	2Rx8	AL7E8D63B-6E1T	NO	
				AL7E8E63B-6E1T	NO	
ProMOS	533	1GB	2Rx8	V916765K24QAFW-E4	NO	
	667	512MB	1Rx8	V916764K24QAFW-F5	NO	
				V916764K24QCFW-F5	NO	
		1GB	2Rx8	V916765K24QAFW-F5	NO	
				V916765K24QBFW-F5	NO	
				V916765K24QCFW-F5	NO	

DDR2 Unbuffered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC
Qimonda (Infineon)	533	512MB	1Rx8	HYS64T64000HU-3.7-A	NO
				HYS72T64000HU-3.7-B	YES
		1GB	2Rx8	HYS64T128020HU-3.7-A	NO
				HYS72T128020HU-3.7-B	YES
	667	256MB	1Rx16	HYS64T32000HU-3-B	NO
				HYS64T64000HU-3S-A	NO
		512MB	1Rx8	HYS64T64000HU-3S-B	NO
				HYS72T64000HU-3S-B	YES
				HYS64T64000HU-3-B	NO
				HYS72T64000HU-3-B	YES
				HYS72T64000EU-3S-B2	YES
				HYS72T64000E U-3S-B2	YES
		1GB	2Rx8	HYS64T128020HU-3S-A	NO
				HYS64T128020HU-3S-B	NO
				HYS72T128020HU-3S-B	YES
				HYS64T128020HU-3-B	NO
				HYS72T128020HU-3-B	YES
				HYS64T128020EU-3S-B2	NO
HYS72T128020EU-3S-B2	YES				
HYS64T128020EU-3S-B2	NO				
2GB	2Rx8	HYS64T256020EU-3S-C2	NO		
Ramaxel	533	256MB	1Rx16	RML1060E46D5F-533	NO
		512MB	1Rx8	RML1040H38D6F-533	NO
Samsung	400	512MB	1Rx8	M378T6553CZ0-CCC	NO
	533	256MB	1Rx16	M378T3354CZ3-CD5	NO
				M378T6553CZ3-CD5	NO
		512MB	1Rx8	M391T6553CZ3-CD5	YES
				M378T2953CZ3-CD5	NO
		1GB	2Rx8	M391T2953CZ3-CD5	YES
				M378T2863AZ3-CD5	NO
		1GB	1Rx8	M391T2863AZ3-CD5	YES
				M378T5663AZ3-CD5	NO
		2GB	2Rx8	M391T5663AZ3-CD5	YES
				667	256MB
	M378T3354EZ3-CE6	NO			
	512MB	1Rx8	M378T6464QZ3-CE6		NO
			M378T6553CZ3-CE6		NO
			M391T6553CZ3-CE6		YES
			M378T6553EZS-CE6		NO
			M391T6553GZ3-CE6		YES
			M378T6553GZS-CE6		NO
	1GB	2Rx8	M378T2953GZ3-CE6		NO
			M391T2953GZ3-CE6		YES
M378T2953CZ3-CE6			NO		
M391T2953CZ3-CE6			YES		
1Rx8		M378T2953EZ3-CE6	NO		
		M378T2863AZ3-CE6	NO		
		M391T2863AZ3-CE6	YES		
		M378T2863QZS-CE6	NO		
2GB	2Rx8	M378T5663AZ3-CE6	NO		
		M378T5663QZ3-CE6	NO		
4GB	2Rx8	M378T5263AZ3-CE6	NO		
Viking	667	1GB	2Rx8	VR5EU287218EBW	YES

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