

DDR2 Unbuffered DIMMs Evaluated with the AMD Athlon™ 64 FX, Athlon™ 64 X2 and Athlon™ 64 Processors

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 using frequency and V_{REF} margining.

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DDR2 Unbuffered DIMMs

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC
Apacer	800	512MB	1Rx8	78.91G9I.40C	NO
		1GB	2Rx8	78.01G9I.40C	NO
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
		1GB	2Rx8	HYMP512U64AP8-Y5	NO
				HYMP512U64BP8-Y5	NO
				HYMP512U64CP8-Y5	NO
	HYMP512U64EP8-Y5	NO			
	800	512MB	1Rx8	HYMP564U64BP8-S5	NO
				HYMP564U64BP8-S6	NO
				HYMP564U64EP8-S5	NO
HYMP564U64EP8-S6				NO	
1GB		2Rx8	HYMP512U64BP8-S5	NO	
			HYMP512U64BP8-S6	NO	
			HYMP512U64EP8-S5	NO	
			HYMP512U64EP8-S6	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
	800	512MB	1Rx8	KVR800D2N5/512	NO
		1GB	2Rx8	KVR800D2N5/1G	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	1Rx8	MT8HTF12864AY-53EE1	NO
			2Rx8	MT16HTF25664AY-53EE1	NO
	667	256MB	1Rx16	MT4HTF3264AY-667D3	NO
		512MB	1Rx8	MT8HTF6464AY-667D7	NO
				MT9HTF6472AY-667D4	YES
		1GB	2Rx8	MT16HTF12864AY-667D4	NO
				MT18HTF12872AY-667D4	YES
		2GB	2Rx8	MT8HTF12864AY-667E1	NO
				MT16HTF25664AY-667E1	NO
		MT18HTF25672AY-667E1	YES		
	800	256MB	1Rx16	MT4HTF3264AY-80ED3	NO
		512MB	1Rx8	MT4HTF3264AY-800D3	NO
				MT8HTF6464AY-80ED3	NO
		1GB	2Rx8	MT16HTF12864AY-80ED4	NO
				MT16HTF12864AY-800D4	NO
		2GB	2Rx8	MT8HTF12864AY-80EE1	NO
				MT16HTF25664AY-80EE1	NO
Mushkin	800	512MB	1Rx8	991470	NO
Nanya	400	512MB	1Rx8	NT512T64U88A0BY-5A	NO
		1GB	2Rx8	NT1GT64U8HA0BY-5A	NO
	667	256MB	1Rx16	NT256T64UH4B0FY-3C	NO
		512MB	1Rx8	NT512T64U88A1BY-3C	NO
				NT512T64U88B0BY-3C	NO
				NT512T72U89B0BY-3C	YES
				NT1GT64U8HA1BY-3C	NO
		1GB	2Rx8	NT1GT64U8HB0BY-3C	NO
				NT1GT72U8PB0BY-3C	YES
		2GB	2Rx8	NT2GT64U8HB0JY-3C	NO
	NT2GT72U8PB0JY-3C			YES	
	800	256MB	1Rx16	NT256T64UH4B0FY-25C	NO
		512MB	2Rx8	NT512T64U88B0BY-25C	NO
PSC	667	512MB	1Rx8	AL6E8E63B-6E1T	NO
		1GB	2Rx8	AL7E8D63B-6E1T	NO
				AL7E8E63B-6E1T	NO
	800	512MB	1Rx8	AL6E8E63H-8E1K	NO
		1GB	2Rx8	AL7E8E63H-8E1K	NO
ProMOS	533	1GB	2Rx8	V916765K24QAFW-E4	NO
	667	512MB	1Rx8	V916764K24QAFW-F5	NO
				V916764K24QCFW-F5	NO
	800	1GB	2Rx8	V916765K24QBFW-F5	NO
		512MB	1Rx8	V916764K24QBFW-G5	NO
				1GB	2Rx8

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			
				HYS64T128020HU-3S-A	NO			
		1GB	2Rx8	HYS64T128020HU-3S-B	NO			
				HYS72T128020HU-3S-B	YES			
				HYS64T128020HU-3-B	NO			
				HYS72T128020HU-3-B	YES			
				HYS64T128020EU-3S-B2	NO			
				HYS72T128020EU-3S-B2	YES			
				800	256MB	1Rx16	HYS64T32000HU-2.5-B	NO
							HYS64T32000HU-25F-B	NO
	512MB	1Rx8	HYS64T64000HU-2.5-B		NO			
			HYS72T64000HU-2.5-B		YES			
			HYS64T64000HU-2.5F-B		NO			
			HYS72T64000HU-2.5F-B		YES			
	1GB	2Rx8	HYS64T128020HU-2.5-B		NO			
			HYS64T128020HU-2.5F-B		NO			
			HYS72T128020HU-2.5-B		YES			
HYS72T128020HU-2.5F-B			YES					
533	256MB	1Rx16	RML1060E46D5F-533	NO				
	512MB	1Rx8	RML1040H38D6F-533	NO				

DDR2 Unbuffered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC
Samsung	400	512MB	1Rx8	M378T6553CZ0-CCC	NO
	533	256MB	1Rx16	M378T3354CZ3-CD5	NO
		1GB	2Rx8	M391T6553CZ3-CD5	YES
				1GB	1Rx8
		1GB	1Rx8		
				2GB	2Rx8
		2GB	2Rx8		
				2GB	2Rx8
		2GB	2Rx8		
				667	256MB
	256MB	1Rx16	M378T3354EZ3-CE6		
			512MB		1Rx8
	512MB	1Rx8			
			512MB		1Rx8
	1GB	2Rx8			
			1GB		2Rx8
	1GB	1Rx8			
			1GB		1Rx8
	1GB	1Rx8			
			2GB	2Rx8	M378T5663AZ3-CE6
	800	256MB			1Rx16
			256MB	1Rx16	
		512MB			1Rx8
			512MB	1Rx8	
		512MB			1Rx8
			512MB	1Rx8	
		512MB			1Rx8
			1GB	2Rx8	
		1GB			2Rx8
1GB			2Rx8	M391T2953CZ3-CE7	
	1GB	2Rx8		M378T2953EZ3-CE7	NO
1GB			2Rx8	M391T2953EZ3-CE7	YES
	800	512MB		1Rx8	TS64MLQ64V8J
TwinMOS	800	512MB	1Rx8	8D-25JK5MKETP	NO
Viking	667	1GB	2Rx8	VR5EU287218EBW	YES

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