

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		
				HYMP512U64P8-C4	NO		
				HYMP512U64BP8-C4	NO		
	667	256MB	1Rx16	HYMP532U64BP6-Y5	NO		
				HYMP532U64CP6-Y5	NO		
				HYMP564U64BP8-Y5	NO		
		512MB	1Rx8	HYMP564U64CP8-Y5	NO		
				HYMP564U64EP8-Y5	NO		
				1Rx16	HYMP164U64CP6-Y5	NO	
	1GB	2Rx8	2Rx8	HYMP512U64AP8-Y5	NO		
				HYMP512U64BP8-Y5	NO		
				HYMP512U64CP8-Y5	NO		
		1Rx8	1Rx8	HYMP512U64EP8-Y5	NO		
				HYMP112U64CP8-Y5	NO		
				HYMP112U72CP8-Y5	YES		
	2GB	2Rx8	HYMP125U72CP8-Y5	YES			
			HYMP125U64CP8-Y5	NO			
	800	512MB	1Rx8	HYMP564U64BP8-S5	NO		
				HYMP564U64BP8-S6	NO		
				HYMP564U64CP8-S6	NO		
				HYMP564U64EP8-S5	NO		
				HYMP564U64EP8-S6	NO		
		1GB	2Rx8	2Rx8	HYMP512U64BP8-S5	NO	
					HYMP512U64BP8-S6	NO	
					HYMP512U64EP8-S5	NO	
			1Rx8	1Rx8	HYMP512U64EP8-S6	NO	
HYMP112U64CP8-S5					NO		
HYMP112U72CP8-S5					YES		
2GB		2Rx8	2Rx8	HYMP112U64CP8-S6	NO		
				HYMP125U72CP8-S5	YES		
				HYMP125U64CP8-S6	NO		
				HYMP125U64CP8-S5	NO		
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	2Rx8	MT8HTF12864AY-53EE1	NO
	667	256MB	1Rx16	MT16HTF25664AY-53EE1	NO
		512MB	1Rx8	MT4HTF3264AY-667D3	NO
				MT8HTF6464AY-667D7	NO
				MT9HTF6472AY-667D4	YES
		1GB	2Rx8	MT16HTF12864AY-667D4	NO
			1Rx8	MT18HTF12872AY-667D4	YES
		2GB	2Rx8	MT8HTF12864AY-667E1	NO
	MT16HTF25664AY-667E1			NO	
	800	256MB	1Rx16	MT18HTF12872AY-667E1	YES
				MT4HTF3264AY-80ED3	NO
		512MB	1Rx8	MT4HTF3264AY-800D3	NO
				MT8HTF6464AY-80ED3	NO
				MT16HTF12864AY-80ED4	NO
	1GB	2Rx8	MT16HTF12864AY-800D4	NO	
		1Rx8	MT8HTF12864AY-80EE1	NO	
2GB	2Rx8	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
				NT512T64U88A1BY-3C	NO
				NT512T64U88B0BY-3C	NO
				NT512T72U89B0BY-3C	YES
		512MB	1Rx8	NT1GT64U8HA1BY-3C	NO
				NT1GT64U8HB0BY-3C	NO
				NT1GT72U8PB0BY-3C	YES
				NT1GT72U89D0BY-3C	YES
		1GB	2Rx8	NT2GT72U8PD0BY-3C	YES
				NT2GT64U8HB0JY-3C	NO
	2GB	2Rx8	NT2GT72U8PB0JY-3C	YES	
	800	256MB	1Rx16	NT256T64UH4B0FY-25C	NO
512MB		2Rx8	NT512T64U88B0BY-25C	NO	
PSC	667	512MB	1Rx8	AL6E8E63B-6E1T	NO
			1Rx8	AL7E8F73C-6E1	NO
		1GB	2Rx8	AL7E8D63B-6E1T	NO
			2Rx8	AL7E8E63B-6E1T	NO
	800	512MB	1Rx8	AL6E8E63H-8E1K	NO
			1Rx8	AL7E8F73C-8E1	NO
		1GB	2Rx8	AL7E8E63H-8E1K	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
	800	512MB	1Rx8	V916764K24QBFW-G5	NO
				V916764K24QCFW-G6	NO
		1GB	2Rx8	V916765K24QBFW-G5	NO
				V916765K24QCFW-G6	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
				512MB	1Rx8
		HYS64T64000HU-3S-B	NO		
		HYS72T64000HU-3S-B	YES		
		HYS64T64000HU-3-B	NO		
		HYS72T64000HU-3-B	YES		
		HYS72T64000EU-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
	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
				HYS64T64000EU-2.5-B2	NO
				HYS72T64000EU-2.5-B2	YES
		1GB	2Rx8	HYS64T128020HU-2.5-B	NO
				HYS64T128020HU-2.5F-B	NO
				HYS72T128020HU-2.5-B	YES
				HYS72T128020HU-2.5F-B	YES
				HYS64T128020HU-25F-B	NO
HYS64T128020EU-2.5-B2				NO	
HYS72T128020EU-2.5-B2				YES	
HYS64T128000EU-2.5-C2				NO	
2GB	2Rx8	HYS64T256020EU-2.5-C2	NO		
		HYS72T256020EU-2.5-C2	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
	512MB			1Rx8	M378T6553CZ3-CD5	NO
			M391T6553CZ3-CD5		YES	
	1GB		2Rx8	M378T2953CZ3-CD5	NO	
				M391T2953CZ3-CD5	YES	
	1GB		1Rx8	M378T2863AZ3-CD5	NO	
				M391T2863AZ3-CD5	YES	
	2GB		2Rx8	M378T5663AZ3-CD5	NO	
				M391T5663AZ3-CD5	YES	
	667		256MB	1Rx16	M378T3354CZ3-CE6	NO
					M378T3354EZ3-CE6	NO
			512MB	1Rx16	M378T6464QZ3-CE6	NO
		1Rx8			M378T6553CZ3-CE6	NO
				M391T6553CZ3-CE6	YES	
				M378T6553EZS-CE6	NO	
				M391T6553GZ3-CE6	YES	
		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	
		800	256MB	1Rx16	M378T3354CZ3-CE7	NO
					M378T3354EZ3-CE7	NO
			512MB	1Rx16	M378T6464QZ3-CF7	NO
					1Rx8	M378T6553CZ3-CE7
				M378T6553CZ3-CF7		NO
				M391T6553CZ3-CE7		YES
	M378T6553EZS-CE7			NO		
	M391T6553EZ3-CE7			YES		
	M391T6553GZ3-CF7			YES		
	M378T6553GZS-CF7			NO		
	1GB		2Rx8	M378T2953CZ3-CE7	NO	
				M378T2953CZ3-CF7	NO	
				M391T2953CZ3-CE7	YES	
				M378T2953EZ3-CE7	NO	
M391T2953EZ3-CE7				YES		
M391T2953GZ3-CF7				YES		
M378T2953GZ3-CF7			NO			
1Rx8			M391T2863QZ3-CF7	YES		
			M378T2863QZS-CF7	NO		
2GB			2Rx8	M391T2863DZ3-CE7	YES	
	M378T5663DZ3-CE7			NO		
	M391T5663QZ3-CE7			YES		
4GB	2Rx8		M378T5663QZ3-CF7	NO		
			M391T5263AZ3-CE7	YES		
			M378T5263AZ3-CF7	NO		
			M391T5263AZ3-CF7	NO		

DDR2 Unbuffered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N	ECC
Transcend	800	512MB	1Rx8	TS64MLQ64V8J	NO
TwinMOS	800	512MB	1Rx8	8D-25JK5MKETP	NO
Viking	667	1GB	2Rx8	VR5EU287218EBW	YES

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