

DDR2 Unbuffered DIMMs Evaluated with AMD Phenom™ 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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DDR2-1066 Unbuffered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	2Rx8	64Mx8	EBE11UD8AJWA-1J-E
Kingston	512MB	1Rx8	64Mx8	KVR1066D2N7/512
	1GB	2Rx8	64Mx8	KVR1066D2N7/1G
Micron	1GB	1Rx8	128Mx8	MT8HTF12864AY-1GAE1
Qimonda	512MB	1Rx8	64Mx8	HYS64T64000EU-1.9-C
			64Mx8	HYS64T64000EU-19F-C

DDR2-800 Unbuffered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Elpida	1GB	1Rx8	128Mx8	EBE10UE8AEFA-8G-E
				EBE10UE8AFFA-8G-F
	2GB	2Rx8	128Mx8	EBE21UE8AFFA-8G-F
				EBE21UE8AEFA-8G-E
Hynix	512MB	1Rx16	64Mx16	HYMP164U64CP6-S5
				HMP164U6EFR6C-S6
		1Rx8	64Mx8	HYMP564U64CP8-S6
				HYMP564U64CP8-S5
	1GB	1Rx8	128Mx8	HMP112U7EFR8C-S6
				HMP112U6EFR8C-S6
				HYMP112U72CP8-S5
				HYMP112U64CP8-S6
				HYMP112U64CP8-S5
	2GB	2Rx8	128Mx8	HMP125U7EFR8C-S6
				HMP125U6EFR8C-S6
				HYMP125U72CP8-S5
				HYMP125U64CP8-S6
	4GB	2Rx8	256Mx8	HMP351U7AFR8C-S5
Micron	256MB	1Rx16	32Mx16	MT4HTF3264AY-80ED3
	1GB	1Rx8	128Mx8	MT8HTF12864AY-800G1
				MT8HTF12864AY-80EE1
				MT8HTF12864AY-800E1
Nanya	256MB	1Rx16	32Mx16	NT256T64UH4B0FY-25C
	512MB	1Rx8	64Mx8	NT512T64U88B0BY-25C
	1GB	2Rx8	64Mx8	NT1GT72U8PB0BY-25D
				NT1GT64U8HB0BY-25C
		1Rx8	128Mx8	NT1GT64U88D0BY-AD
	2GB	2Rx8	128Mx8	NT1GT72U89D0BY-AD
				NT2GT64U8HD0BY-AD
	NT2GT72U8PD0BY-AD			
ProMOS	512MB	1Rx8	64Mx8	V916764K24QCFW-G6
	1GB	2Rx8	64Mx8	V916765K24QCFW-G6
		1Rx8	128Mx8	V916865K28QBRW-G6
	2GB	2Rx8		V916866K28QBRW-G6
PSC	1GB	1Rx8	128Mx8	AL7E8G73F-8E1
	2GB	2Rx8		AL8E8G73F-8E1

DDR2-800 Unbuffered DIMMs (con't)

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N			
Qimonda	256MB	1Rx16	32Mx16	HYS64T32000HU-2.5-B			
				HYS64T64000HU-2.5-B			
	512MB	1Rx8	64Mx8	HYS64T64000EU-2.5-B2			
				HYS72T64000EU-2.5-B2			
				1GB	2Rx8	64Mx8	HYS64T128020HU-2.5-B
							HYS64T128020HU-25F-B
	1GB	1Rx8	128Mx8	HYS64T128020EU-2.5-B2			
				HYS72T128020EU-2.5-B2			
				HYS64T128000EU-2.5-C2			
				HYS72T128000EU-2.5-C2			
	2GB	2Rx8	128Mx8	HYS64T128000EU-25F-C2			
				HYS72T128000EU-25F-C2			
				HYS64T256020EU-2.5-C2			
				HYS72T256020EU-2.5-C2			
	Samsung	256MB	1Rx16	32Mx16	M378T3354E Z3-CE7		
					M378T3354E Z3-CF7		
512MB		1Rx16	64Mx16	M378T6464QZ3-CF7			
				M378T6464EHS-CF7			
		1Rx8	64Mx8	M378T6553GZS-CF7			
				M391T6553GZ3-CF7			
1GB		1Rx8	128Mx8	M378T2863EHS-CF7			
				M378T2863QZS-CF7			
				M391T2863QZ3-CF7			
		2Rx8	64Mx8	M378T2863DZS-CE7			
				M378T2953GZ3-CF7			
				M391T2953GZ3-CF7			
2GB		2Rx8	128Mx8	M378T5663EH3-CF7			
				M378T5663DZ3-CE7			
				M391T5663DZ3-CE7			
				M378T5663DZ3-CF7			
4GB	2Rx8	256Mx8	M391T5663QZ3-CE7				
			M378T5263AZ3-CF7				
TakeMS	1GB	1Rx8	128Mx8	M378T5263AZ3-CE7			
				TMS1GB264D082-105EP			

DDR2-667 Unbuffered DIMMs

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
Hynix	256MB	1Rx16	32Mx16	HYMP532U64CP6-Y5
	512MB	1Rx8	64Mx8	HYMP564U64EP8-Y5
		1Rx16	64Mx16	HMP164U6EFR6C-Y5
				HYMP164U64CP6-Y5
	1GB	2Rx8	64Mx8	HYMP512U64CP8-Y5
				HYMP512U64BP8-Y5
		1Rx8	128Mx8	HMP112U7EFR8C-Y5
				HMP112U6EFR8C-Y5
				HYMP112U64CP8-Y5
	2GB	2Rx8	128Mx8	HYMP112U72CP8-Y5
				HMP125U7EFR8C-Y5
				HMP125U6EFR8C-Y5
	4GB	2Rx8	256Mx8	HYMP125U72CP8-Y5
				HMP351U6AFR8C-Y5
				HMP351U7AFR8C-Y5
Micron	256MB	1Rx16	32Mx16	MT4HTF3264AY-667D3
	512MB	1Rx16	64Mx16	MT4HTF6464AY-667E1
	1GB	1Rx8	128Mx8	MT8HTF12864AY-667E1
	2GB	2Rx8	128Mx8	MT16HTF25664AY-667E1
Nanya	512MB	1Rx8	64Mx8	NT512T64U88B0BY-3C
		2Rx8	64Mx8	NT1GT64U8HB0BY-3C
	1GB	1Rx8	128Mx8	NT1GT72U89D0BY-3C
				NT1GT64U88D0BY-3C
	2GB	2Rx8	128Mx8	NT2GT64U8HD0BY-3C
				NT2GT72U8PD0BY-3C
ProMOS	1GB	2Rx8	64Mx8	V916765K24QCFW-F5
				V916765K24QAFW-F5
Qimonda	512MB	1Rx8	64Mx8	HYS64T64000HU-3S-B
				HYS64T64000EU-3S-B2
				HYS64T64000EU-3S-C
				HYS72T64000EU-3S-B2
	1GB	2Rx8	64Mx8	HYS64T128020EU-3S-B2
				HYS72T128020EU-3S-B2
		1Rx8	128Mx8	HYS72T128000EU-3S-C2
				HYS64T128000EU-3S-C2
	2GB	2Rx8	128Mx8	HYS72T256020EU-3S-C2
				HYS64T256020EU-3S-C2

DDR2-667 Unbuffered DIMMs (con't)

Supplier	DIMM Size	DIMM Config	DRAM Config	DIMM P/N
RamAxel	512MB	1Rx8	64Mx8	RML1520HC38D6F-667
	1GB	2Rx8	64Mx8	RML1320SZ38D7F-667
Samsung	256MB	1Rx16	32Mx16	M378T3354EZ3-CE6
	512MB	1Rx16	64Mx16	M378T6464QZ3-CE6
				M378T6464EHS-CE6
		1Rx8	64Mx8	M378T6553EVS-CE6
				M378T6553GZS-CE6
				M391T6553GZ3-CE6
	1GB	1Rx8	128Mx8	M378T2863EHS-CE6
				M378T2863QZS-CE6
		2Rx8	64Mx8	M378T2953GZ3-CE6
				M391T2953GZ3-CE6
	2GB	2Rx8	128Mx8	M378T5663EH3-CE6
				M378T5663QZ3-CE6
	4GB	2Rx8	256Mx8	M378T5263AZ3-CE6
	Sharetronic	1GB	1Rx8	128Mx8
SM211NG08EAF				
2Rx8			64Mx8	SN212NG08EAF
				SY212NG08ECF
2GB		2Rx8	128Mx8	SN212NH08EAF
				SY212NH08EAF
	SM212NH08EAF			

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