

DDR2 Registered DIMMs

Evaluated with the Second-Generation AMD Opteron™ Processor

Introduction

This list contains DDR2 registered 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 Registered DIMMs

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N
Apacer	667	1GB	2Rx8	78.01G98.402
ATP	667	1GB	2Rx8	AH28K72L8BHE6SG
Elpida	400	512MB	1Rx8	EBE51RD8AEFA-4A-E
		533	512MB	1Rx8
	1GB		1Rx4	EBE10RD4AEFA-5C-E
	667	512MB	1Rx8	EBE51RD8AGFA-6E-E
				EBE51AD8AGFA-6E-E
		1GB	1Rx4	EBE10RD4AEFA-6E-E
				EBE10AD4AGFA-6E-E
		2GB	2Rx4	EBE21AD4AGFB-6E-E
4GB	2Rx4	EBE41AE4ABHA-6E-E		
Hynix	400	512MB	1Rx8	HYMP564R72BP8-E3
				HYMP564R72CP8-E3
		1GB	1Rx4	HYMP512R72BP4-E3
				HYMP512R72CP4-E3
		2GB	2Rx4	HYMP525R72BP4-E3
			1Rx4	HYMP125R72AP4-E3
		4GB	2Rx4	HYMP351R72MP4-E3
				HYMP351R72AMP4-E3
	667	512MB	1Rx8	HYMP564R72AP8-Y5
				HYMP564P72BP8-Y5
				HYMP564P72CP8-Y5
		1GB	2Rx8	HYMP512R72AP8-Y5
				HYMP112P72CP8-Y5
			1Rx4	HYMP512P72BP4-Y5
		HYMP512P72CP4-Y5		
		2GB	2Rx4	HYMP525P72BP4-Y5
				HYMP525P72CP4-Y5
			1Rx4	HYMP125P72AP4-Y5
		4GB	2Rx4	HYMP125P72CP4-Y5
				HYMP351P72AMP4-Y5
HYMP151P72CP4-Y5				
Kingston	533	512MB	1Rx4	KVR533D2S8R4/512
		1GB	2Rx8	KVR533D2D8R4/1G
	667	512MB	1Rx8	KVR667D2R5/512
		1GB	2Rx8	KVR667D2R5/1G
Legacy	667	1GB	1Rx4	B517M4C2AHA-30R
		4GB	2Rx4	M547RAE20LA-30R

DDR2 Registered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N
Micron	400	2GB	2Rx4	MT36HTF25672Y-40EB1
		533	512MB	1Rx8
	1GB		1Rx4	MT18HTF12872PY-53ED2
	2GB		2Rx4	MT36HTF25672Y-53EB1
			2Rx8	MT18HTF25672DY-53EA1
	667	512MB	1Rx8	MT9HTF6472PY-667B1
				MT9HTF6472PY-667D2
		1GB	1Rx4	MT18HTF12872PY-667B1
				MT18HTF12872PY-667D2
			2Rx8	MT18HTF12872PDY-667D2
		2GB	1Rx8	MT9HTF12872PY-667E1
			2Rx4	MT36HTF25672PY-667D1
			1Rx4	MT18HTF25672PY-667E1
	4GB	2Rx4	MT36HTF51272PY-667E1	
8GB	2Rx4	MT36HTS1G72PY-667A1		
Mushkin	533	1GB	2Rx8	991347
Nanya	400	512MB	1Rx8	NT512T72U89A0FU-5A
		2GB	2Rx4	NT2GT72U4NA0BV-5A
	533	512MB	1Rx8	NT512T72U89A0BV-37B
		1GB	1Rx4	NT1GT72U4PA0BV-37B
	667	512MB	1Rx8	NT512T72U89A0BV-3C
				NT512T72U89B0BV-3C
		1GB	1Rx4	NT1GT72U4PA0BV-3C
				NT1GT72U4PB0BV-3C
		2GB	2Rx4	NT2GT72U4NA2BV-3C
			1Rx4	NT2GT72U4PB0JV-3C
4GB	2Rx4	NT4GTT72U4PB0UV-3C		
Netlist	400	4GB	4Rx4	NHD517R21206F-D32KIA
ProMOS	667	1GB	1Rx4	V917565N24QBFW-F5
			2Rx8	V917565U24QBFW-F5

DDR2 Registered DIMMs (continued)

Supplier	DIMM Speed	DIMM Size	DIMM Config	DIMM P/N
Qimonda	533	512MB	1Rx8	HYS72T64000HP-3.7-A
		1GB	1Rx4	HYS72T128000HP-3.7-A
		2GB	2Rx4	HYS72T256220HR-3.7-A
				HYS72T256322HP-3.7-A
		2GB	1Rx4	HYS72T256000HR-3.7-A
		4GB	2Rx4	HYS72T512022HR-3.7-A
	HYS72T512022HP-3.7-A			
	667	512MB	1Rx8	HYS72T64000HP-3-B
				HYS72T64000HP-3S-B
		1GB	1Rx4	HYS72T128000HR-3S-A
				HYS72T128000HP-3S-A
				HYS72T128000HP-3-B
			2Rx8	HYS72T128300HP-3S-A
				HYS72T128020HP-3S-A
				HYS72T128020HP-3-B
		2GB	2Rx4	HYS72T128320HP-3S-A
				HYS72T256220HP-3S-A
				HYS72T256322HP-3S-A
			2Rx8	HYS72T256220HP-3-B
	HYS72T256220HP-3S-B			
HYS72T256220HP-3S-B				
4GB	2Rx4	HYS72T512022HP-3S-A		
Samsung	533	512MB	1Rx8	M393T6553CZ3-CD5
			1Rx4	M393T2950CZA-CD5
		1GB	2Rx8	M393T2953CZA-CD5
			1Rx8	M393T2863AZA-CD5
		2GB	2Rx4	M393T5750CZ3-CD5
			1Rx4	M393T5660AZ3-CD5
			2Rx8	M393T5663AZA-CD5
			2Rx4	M393T5168AZ0-CD5
	667	512MB	1Rx8	M393T6553CZA-CE6
				M393T6553EZA-CE6
		1GB	1Rx4	M393T2950CZA-CE6
				M393T2950EZA-CE6
			2Rx8	M393T2953CZA-CE6
				M393T2953EZA-CE6
		2GB	2Rx4	M393T5750CZA-CE6
			2Rx4	M393T5750EZA-CE6
			1Rx4	M393T5660AZA-CE6
			2Rx8	M393T5663AZA-CE6
		4GB	2Rx4	M393T5166AZA-CE6
				M393T5160CZA-CE6
SMART	533	2GB	4Rx8	SG572568FG8E0DG
	667	1GB	1Rx4	SG572284FG8E0IL

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