

M3A78-EM Motherboard Qualified Vendor List (QVL)

DDR2-1066 Qualified Vendor List (QVL)

Size	Vendor	Part No.	CL	Chip Brand	SS/DS	Chip No.	DIMM socket support (Optional)		
							A*	B*	C*
DDR2 1066 512MB	Kingston	KHX8500D2/512	N/A	Kingston	SS	Heat-Sink Package	V	V	V
DDR2 1066 512MB	Kingston	KVR1066D2N7/512	N/A	Elpida	SS	E5108AJBG-1J-E	V	V	V
DDR2 1066 512MB	Kingston	KHX8500D2K2/1GN	N/A	Kingston	SS	Heat-Sink Package	V	V	V
DDR2 1066 1G	Kingston	KHX8500D2K2/2GN	N/A	Kingston	DS	Heat-Sink Package	V	V	V
DDR2 1066 1G	Kingston	KVR1066D2N7/1G	N/A	Elpida	DS	E5108AJBG-1J-E	V	V	V
DDR2 1066 1G	Kingston	KHX8500D2/1G	N/A	Kingston	DS	Heat-Sink Package	V	V	V
DDR2 1066 1G	Qimonda	HYS64T128020EU-19F-C	6	Qimonda	DS	HYB18T512800CF19FFSS24313	V	V	
DDR2 1066 1G	Kingmax	KLED48F-A8K15	N/A	Kingmax	DS	KKA8FFIXF-JFS-18A	V	V	V
DDR2 1066 1G	ADATA	AD21066E001GOU	N/A	N/A	SS	Heat-Sink Package			V
DDR2 1066 1G	Apacer	78.0AG9S.9K4	N/A	N/A	DS	Heat-Sink Package			V
DDR2 1066 1G	Apacer	78.AAGAL.9KZ	N/A	N/A	DS	Heat-Sink Package			V
DDR2 1066 1G	Crucial	BL12864AA1065.8FE5	5-5-5-15	N/A	SS	Heat-Sink Package	V	V	V
DDR2 1066 1G	Transcend	TX1066QLJ-2GK1GB	5	Transced	DS	Heat-Sink Package	V	V	V
DDR2 1066 2G(kit of 2)	Transcend	TX1066QLU-2GK	5	Transced	SS	Heat-Sink Package	V	V	V
DDR2 1066 2G	Transcend	TX1066QLU-4GK	5	Transced	DS	Heat-Sink Package	V	V	V
DDR2 1066 1G	OCZ	OCZ2N10662GK	N/A	OCZ	DS	Heat-Sink Package	V		
DDR2 1066 1G	OCZ	OCZ2N1066SR2DK	N/A	OCZ	DS	Heat-Sink Package		V	V

DDR2 1066 1G	GEIL	GB22GB8500C5DC	5	GEIL	SS	GL2L128M88BA25AB	V	V	V
DDR2 1066 1G	GEIL	GB24GB8500C5QC	5	GEIL	SS	GL2L128M88BA25AB	V	V	V
DDR2 1066 1G	GEIL	GE22GB1066C5DC	5	GEIL	SS	Heat-Sink Package	V	V	V
DDR2 1066 1G	GEIL	GE24GB1066C5QC	5	GEIL	SS	Heat-Sink Package	V	V	V
DDR2 1066 1G	GEIL	GE22GB1066C5DC	5	GEIL	DS	Heat-Sink Package		V	V
DDR2 1066 1G	GEIL	GE24GB1066C5QC	5	GEIL	DS	Heat-Sink Package		V	V
DDR2 1066 1G	GEIL	GE22GB1066C5DC	5	GEIL	DS	Heat-Sink Package	V	V	V
DDR2 1066 2G(kit of 2)	G.SKILL	F2-8500CL5D-2GBPK	5-5-5-15	N/A	DS	Heat-Sink Package	V	V	V
DDR2 1066 4G(kit of 2)	G.SKILL	F2-8500CL5D-4GBPK	5-5-5-15	N/A	DS	Heat-Sink Package			V
DDR2 1066 1G	G.SKILL	F2-8500CL5S-1GBPK	5-5-5-15	G.SKILL	DS	Heat-Sink Package	V	V	V

* Note:

1) Due to AMD CPU limitation, DDR2 1066 is supported by AM2+ CPU for one DIMM per channel only.

For system stability, when 4 DIMMs are installed, all DIMMs run at DDR2-800 as the default setting.

2) The default memory operation frequency is dependent on its SPD.

Under the default state, some memory modules for overclocking may operate at a lower frequency than vendor-marked value.

DDR2-800

Qualified Vendor List (QVL)

Size	Vendor	Part No.	CL	Chip Brand	SS/DS	Chip No.	DIMM socket support (Optional)		
							A*	B*	C*
DDR2 800 1G	Kingston	KHX6400D2LL/1G	N/A	Kingston	DS	Heat-Sink Package		V	V
DDR2 800 512MB	Kingston	KVR800D2N5/512	N/A	Promos	SS	V59C1512804QCF25SY032 406PECPA		V	V
DDR2 800 2G	Kingston	KHX6400D2/2G	N/A	Kingston	DS	Heat-Sink Package		V	V
DDR2 800 4G	Kingston	KVR800D2N6/4G	N/A	Elpida	DS	E2108ABSE-8G-E		V	V

DDR2 800 512MB	Samsung	M378T6553GZS-CF7	6	Samsung	SS	K4T51083QG-HCF7		V	V
DDR2 800 2G	Samsung	M37875663QZ3-CF7	6	Samsung	DS	K4T1G084QQ-HCF7		V	V
DDR2 800 2G	Samsung	M391T5663QZ3-CF7	6	Samsung	DS	K4T1G084QQ-HCF7(ECC)		V	V
DDR2 800 512MB	Qimonda	HYS64T64000EU-2.5-B2	6	Qimonda	SS	HYB18T512800B2F25FSS28380		V	V
DDR2 800 1G	Micron	MT9HTF12872AY-800E1	6	Micron	SS	D9HNP 7YE22(ECC)		V	V
DDR2 800 1G	Corsair	XMS2-6400	4	Corsair	DS	Heat-Sink Package		V	V
DDR2 800 512MB	HY	HYMP564U64CP8-S5AB	5	Hynix	SS	HY5PS12821CFP-S5		V	V
DDR2 800 1G	HY	HYMP512U64CP8-S5AB	5	Hynix	DS	HY5PS12821CFPS5		V	V
DDR2 800 512MB	Kingmax	KLDC28F-A8KI5	N/A	Kingmax	SS	KKA8FF1XF-JFS-25A		V	V
DDR2 800 1G	Kingmax	KLDD48F-A8K15	N/A	Kingmax	DS	KKA8FFIXF-HFS-25A		V	V
DDR2 800 512MB	Apacer	78.91G91.9K5	5	Apacer	SS	AM4B5708JQJS8E0751C		V	V
DDR2 800 2G	Apacer	78.A1GA0.9K4	5	Apacer	DS	AM4B5808CQJS8E0740E		V	V
DDR2 800 512MB	Transcend	TS128MLQ64V8J512MB	N/A	Micron	SS	7HD22 D9GMH		V	V
DDR2 800 1G	Transcend	505485-1034	5	Transcend	DS	TQ123PJF8F0801		V	V
DDR2 800 512MB	VDATA	M2GVD6G3H3160Q1E52	N/A	VDATA	SS	VD29608A8A-25EG20813		V	V
DDR2 800 1G	ADATA	M2OAD6G314170Q1E58	N/A	ADATA	DS	AD29608A8A-25EG80810		V	V
DDR2 800 2G	PSC	AL8E8F73C-8E1	5	PSC	DS	A3R1GE3CFF734MAA0E		V	V
DDR2 800 2G	PSC	AL7E8E63H-10E1K	5	PSC	DS	A3R1GE3CFF750RABBP(ECC)		V	V
DDR2 800 1G	GEIL	GX22GB6400DC	5	GEIL	DS	Heat-Sink Package		V	V
DDR2 800 2G	GEIL	GE28GB800C5QC	5	GEIL	DS	Heat-Sink Package		V	V
DDR2 800 1G	Super Talent	T800UB1GC4	4	Super Talent	DS	Heat-Sink Package		V	V

DDR2 800 1G	G.SKILL	F2-6400CL4D-2GBPK	4	G.SKILL	DS	Heat-Sink Package		V	V
DDR2 800 2G	G.SKILL	F2-6400CL5D-4GBPQ	5	G.SKILL	DS	Heat-Sink Package		V	V
DDR2 800 4G	G.SKILL	F2-6400CL5Q-16GNQ	5	G.SKILL	DS	Heat-Sink Package		V	
DDR2 800 1G	OCZ	OCZ2VU8004GK	6	OCZ	DS	Heat-Sink Package		V	V
DDR2 800 1G	Elixir	M2Y1G64TU8HB0B-25C	5	Elixir	DS	N2TU51280BE-25C802006Z1DV		V	V
DDR2 800 1G	Kingston	KHX6400D2LL/1G	N/A	Kingston	DS	Heat-Sink Package	V	V	V
DDR2 800 512MB	Kingston	KVR800D2N5/512	N/A	Promos	SS	V59C1512804QCF25SY032406PECPA	V	V	V
DDR2 800 2G	Kingston	KHX6400D2/2G	N/A	Kingston	DS	Heat-Sink Package	V	V	V
DDR2 800 512MB	Kingmax	KLDC28F-A8KI5	N/A	Kingmax	SS	KKA8FF1XF-JFS-25A	V	V	V
DDR2 800 512MB	Apacer	78.91G91.9K5	5	Apacer	SS	AM4B5708JQJS8E0751C	V	V	V
DDR2 800 1G	Transcend	TS128MLQ64V8J	5	Mircon	DS	7HD22D9GMH	V	V	V
DDR2 800 512MB	ADATA	M2OAD6G3H3160Q1E58	N/A	ADATA	SS	AD29608A8A-25EG80812	V		V
DDR2 800 1G	ADATA	M2OAD6G314170Q1E58	N/A	ADATA	DS	AD29608A8A-25EG80810	V	V	V
DDR2 800 2G	GEIL	GX22GB6400CUSC	4	GEIL	DS	Heat-Sink Package	V	V	V
DDR2 800 1G	Super Talent	T800UB1GC4	4	Super Talent	DS	Heat-Sink Package	V	V	V
DDR2 800 2G	G.SKILL	F2-6400CL4D-4GBPK	4	G.SKILL	DS	Heat-Sink Package	V	V	V
DDR2 800 1G	OCZ	OCZ2RPR8002GK	4	OCZ	DS	Heat-Sink Package	V	V	V
DDR2 800 1G	OCZ	OCZ2VU8004GK	6	OCZ	DS	Heat-Sink Package	V	V	V

DDR2-667
Qualified Vendor List (QVL)

Size	Vendor	Part No.	CL	Chip Brand	SS/DS	Chip No.	DIMM socket support (Optional)		
							A*	B*	C*
DDR2 667 512MB	Kingston	KVR667D2N5/512	N/A	Hynix	SS	HY5PS12821EFP-Y5		V	V
DDR2 667 1G	Kingston	KVR667D2N5/1G	N/A	Hynix	DS	HY5PS12821EFP-Y5		V	V
DDR2 667 512MB	Qimonda	HYS64T64000EU-3S-B2	5	Qimonda	SS	HYB18T512B00B2F3SFSS28171		V	V
DDR2 667 1G	Qimonda	HYS64T128020EU-3S-B2	5	Qimonda	DS	HYB18T512B00B2F3SFSS28171		V	V
DDR2 667 1G	Corsair	XMS2-5400	4	Corsair	DS	Heat-Sink Package		V	V
DDR2 667 512MB	Kingmax	KLCC28F-A8KB5	N/A	Kingmax	SS	KKEA88B4LAUG-29DX		V	V
DDR2 667 1G	Kingmax	KLCD48F-A8KB5	N/A	Kingmax	DS	KKEA88B4LAUG-29DX		V	V
DDR2 667 512MB	Apacer	78.91G92.9K5	5	Apacer	SS	AM4B5708JQJS7E0751C		V	V
DDR2 667 1G	Apacer	AU01GE667C5KBGC	N/A	Apacer	DS	AM4B5708GQJS7E0636B		V	V
DDR2 667 2G	Apacer	78.A1G9O.9K4	5	Apacer	DS	AM4B5808CQJS7E0749B		V	V
DDR2 667 1G	Transcend	506010-4894	5	Elpida	DS	E5108AJBG-6E-E		V	V
DDR2 667 1G	ADATA	M2OAD5G314170Q1C58	N/A	ADATA	DS	AD29608A8A-3EG80814		V	V
DDR2 667 2G	ADATA	M2OAD5H3J4170I1C53	N/A	ADATA	DS	AD20908A8A-3EG 30724		V	V
DDR2 667 512MB	PSC	AL6E8E63J-6E1	5	PSC	SS	A3R12E3JFF717B9A00		V	V
DDR2 667 1G	PSC	AL7E8F73C-6E1	5	PSC	SS	A3R1GE3CFF734MAA0J		V	V
DDR2 667 512MB	Nanya	NT512T64U88A1BY-3C	N/A	Nanya	SS	NT5TU64M8AE-3C		V	V
DDR2 667 1G	GEIL	GX21GB5300SX	3	GEIL	DS	Heat-Sink Package		V	V
DDR2 667 2G	GEIL	GX24GB5300LDC	5	GEIL	DS	Heat-Sink Package		V	V
DDR2 667 512MB	Twinmos	8D-A3JK5MPETP	5	PSC	SS	A3R12E3GEF633ACAOY		V	V
DDR2 667 1G	Leadmax	LRMP512U64A8-Y5	N/A	Hynix	DS	HY5PS12821CFP-Y5 C702AA		V	V

DDR2 667 2G	Kingston	KVR667D2N5/2G	N/A	Micron	DS	7RE22 D9HNL	V	V	V
DDR2 667 512MB	Qimonda	HYS64T64000EU-3S-B2	5	Qimonda	SS	HYB18T512B00B2F3SFSS2 8171	V	V	V
DDR2 667 1G	Corsair	VS1GB667D2	N/A	Corsair	DS	MID095D62864M8CEC	V		V
DDR2 667 1G	Corsair	XMS2-5400	4	Corsair	DS	Heat-Sink Package	V	V	V
DDR2 667 1G	Kingmax	KLCD48F-A8KB5	N/A	Kingmax	DS	KKEA88B4LAUG-29DX	V	V	V
DDR2 667 512MB	Apacer	AU512E667C5KBGC	5	Apacer	SS	AM4B5708MIJS7E0627B	V	V	V
DDR2 667 512MB	Apacer	AU512E667C5KBGC	5	Apacer	SS	AM4B5708GQJS7E06332F			V
DDR2 667 512MB	Apacer	78.91G92.9K5	5	Apacer	SS	AM4B5708JQJS7E0751C	V	V	V
DDR2 667 1G	Apacer	78.01G90.9K5	5	Apacer	SS	AM4B5808CQJS7E0751C	V		V
DDR2 667 1G	Apacer	AU01GE667C5KBGC	5	Apacer	DS	AM4B5708MIJS7E0627B	V	V	V
DDR2 667 1G	Transcend	506010-4894	5	Elpida	DS	E5108AJBG-6E-E	V	V	V
DDR2 667 512MB	ADATA	M2OAD5G3H3160Q1C 52	N/A	ADATA	SS	AD29608A8A-3EG20813	V	V	V
DDR2 667 1G	PSC	AL7E8E63J-6E1	5	PSC	DS	A3R12E3JFF717B9A01	V	V	V
DDR2 667 1G	PSC	AL7E8F73C-6E1	5	PSC	SS	A3R1GE3CFF734MAA0J	V	V	V
DDR2 667 512MB	Nanya	NT512T64U88A1BY- 3C	N/A	Nanya	SS	NT5TU64M8AE-3C	V	V	V
DDR2 667 1G	Super Talent	T667UB1GV	5	Super Talent	DS	PG 64M8-800 0750	V	V	V
DDR2 667 4G	Samsung	M378T5263AZ3-CE6	N/A	Samsung	DS	K4T2G084QA-HCE6	V	V	V
DDR2 667 1G	Leadmax	LRMP512U64A8-Y5	N/A	Hynix	DS	HY5PS12821CFP-Y5 C 702AA	V	V	V

Note:

A* : Supports one module inserted in any slot as Single-channel memory configuration

B* : Supports one pair of modules inserted into either the yellow slots or the black slots as one pair of Dual-channel memory configuration

C* : Supports 4 modules inserted into both the yellow and black slots as two pairs of Dual-channel memory configuration