

**M4A78 PRO Memory Qualified Vendors List (QVL)**
**M4A78 PRO DDR2 1066 Qualified Vendors List (QVL)**

Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Dimm(Bios)	Voltage	DIMM socket support (Optional)					
									A*	B*	C*	D*	E*	F*
A-Data	AD21066E002GU	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.1V			•			
Apacer	BoxP/N:CH.02GAF.C0KK2 (78.0AG9S.9KF)	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15		•	•	•			
Apacer	78.0AG9S.9K4	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15		•		•			
Apacer	BoxP/N:CH.04GAF.F0KK2 (78.AAGAL.9KF)	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15		•	•	•			
Apacer	78.AAGAL.9KZ	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15		•		•			
CORSAIR	BoxP/N:TWIN2X4096-8500C5DF (CM2X2048-8500C5D)(EPP)	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.1	•		•			
Crucial	BL12864AA106A.8FE5(EPP)	DDR2 1066	1024MB	SS	N/A	Heat-Sink Package	5-5-5-15	2.0	•	•	•			
Crucial	BL12864AA1065.16FD5(EPP)	DDR2 1066	1024MB	DS	N/A	Heat-Sink Package	5		•	•	•			
G.SKILL	F2-8500CL5S-1GBPK	DDR2 1066	1024MB	DS	N/A	Heat-Sink PackageSN:815130037	5-5-5-15	2.0-2.1	•	•	•			
G.SKILL	F2-8500CL5D-2GBPK	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.0-2.1	•	•	•			
G.SKILL	F2-8500CL5D-4GBPK	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.0-2.1	•		•			
GEIL	GB22GB8500C5DC	DDR2 1066	2048MB(Kit of 2)	SS	GEIL	GL2L128M88BA25AB	5-5-5-15	2.2-2.4	•	•	•			
GEIL	GE22GB1066C5DC	DDR2 1066	1024MB	SS	GEIL	Heat-Sink Package	5		•	•				
GEIL	GE22GB1066C5DC	DDR2 1066	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	5-5-5-15	2.2-2.4	•	•	•			
GEIL	GB24GB8500C5QC	DDR2 1066	1024MB	SS	GEIL	GL2L128M88BA25AB	5		•	•	•			
GEIL	GE24GB1066C5QC	DDR2 1066	1024MB	SS	GEIL	Heat-Sink Package	5		•	•				
GEIL	GE24GB1066C5QC	DDR2 1066	4096MB(Kit of 4)	SS	N/A	Heat-Sink Package	5-5-5-15	2.2-2.4	•	•	•			
GEIL	GB24GB8500C5DC	DDR2 1066	4096MB(Kit of 2)	DS	GEIL	GL2L128M88BA25AB	5-5-5-15	2.2-2.4	•		•			
GEIL	GE24GB1066C5DC	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.2-2.4			•			
GEIL	GX24GB8500C5UDC	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.2-2.4	•		•			
GEIL	GB24GB8500C5QC	DDR2 1066	4096MB(Kit of 4)	DS	GEIL	GL2L128M88BA25AB	5-5-5-15	2.2-2.4	•	•	•			
Hynix	HYMP564U64FP8-G7	DDR2 1066	512MB	SS	HYNIX	HY5PS12821FFP-G7	7		•	•	•			
Hynix	HYMP 512U64FP8-G7	DDR2 1066	1024MB	DS	HYNIX	HY5PS12821FFP-G7	7-7-7-12		•		•			
KINGMAX	KLEC28F-A8KI5-EGAS	DDR2 1066	512MB	SS	KINGMAX	KKA8FEIBF-HJK-18E								
KINGMAX	KLED48F-A8KI5-EPA	DDR2 1066	1024MB	DS	KINGMAX	KKA8FEIBF-HJK-18A			•		•			
KINGMAX	KLEE88F-B8KB5	DDR2 1066	2048MB	DS	KINGMAX	KKB8FFBFXF-CFP-18A			•		•			
KINGSTON	KHX8500D2/ 512	DDR2 1066	512MB	SS		Heat-Sink Package			•		•			
KINGSTON	KHX8500D2/ 512	DDR2 1066	512MB	SS	Kingston	Heat-Sink Package	5-5-5-18	1.8V	•	•	•			
KINGSTON	KHX8500D2K2/1G	DDR2 1066	1024MB(Kit of 2)	SS	N/A	Heat-Sink Package		2.2	•	•	•			
KINGSTON	KHX8500D2K2/1GN(EPP)	DDR2 1066	1024MB(Kit of 2)	SS	Kingston	Heat-Sink Package	5-5-5-18	1.8V	•	•	•			
Kingston	KHX8500D2K2/2GN(EPP)	DDR2 1066	1024MB	DS	Kingston	Heat-Sink Package	5-5-5-18	1.8V	•	•	•			
KINGSTON	KHX8500D2/1G	DDR2 1066	1024MB	DS	N/A	Heat-Sink Package		2.2	•		•			
KINGSTON	KVR1066D2N7/1G	DDR2 1066	1024MB	DS	ELPIDA	E5108AJBG-1J-E	1066-5-5-5-15	1.8			•			
KINGSTON	KHX8500D2K2/2G	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package		2.2	•		•			
KINGSTON	KHX8500D2K2/2GN(EPP)	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package		2.2	•	•	•			
MICRON	MT8HTF12864AY-1GAE1	DDR2 1066	1024MB	SS	MICRON	D9JKH	7		•	•	•			
MICRON	MT16HTF25664AY-1GAE1	DDR2 1066	2048MB	DS	MICRON	D9JKH	7				•			
OCZ	OCZ2N10662GK(EPP)	DDR2 1066	2048MB(Kit of 2)	DS		Heat-Sink Package			•	•	•			
OCZ	OCZ2N1066SR2GK(EPP)	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5	2.10	•		•			
OCZ	OCZ2N1066SR2DK(Epp)	DDR2 1066	2048MB(Kit of 2)	DS	OCZ	Heat-Sink Package 004820806001601-2	5-5-5-15				•			
OCZ	OCZ2RPR10664GK	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5	2.2	•	•				
SAMSUNG	M378T2953GZ3-CF8	DDR2 1066	1024MB	DS	SAMSUNG	K4T51083QG	7		•		•			

Transcend	TX1066QLU-2GK	DDR2 1066	2048MB(Kit of 2)	SS	ELPIDA	Heat-Sink Package	5			•	•	•			
Transcend	TX1066QLJ-2GK	DDR2 1066	2048MB(Kit of 2)	DS	Transcend	Heat-Sink Package	5					•			
Transcend	TX1066QLU-4GK	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5			•	•	•			
Transcend	TX1066QLU-4GK	DDR2 1066	4096MB(kit of 2)	DS	Transcend	Heat-Sink Package	5			•		•			
Qimonda	HYS64T128000EU-1.9-C2	DDR2 1066	1024MB	DS	Qimonda	HYB18T1G800C2F-1.9FSS25253				•	•	•			
Aeneon	BoxP/N:AXT760UD00-19D-K-2G (AXT760UD00-19D)	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5			•		•			
AENEON	AXT860UD20-19E	DDR2 1066	4096MB(Kit of 2)	DS	AENEON	Heat-Sink Package	6					•			
BUFFALO	FSX1066D2C-1G	DDR2 1066	1024MB	DS	N/A	Heat-Sink Package	5-5-5-15(800-5-5-5-15)					•			
BUFFALO	FSX1066D2C-K4G	DDR2 1066	2048MB	DS	N/A	Heat-Sink Package	5-5-5-15					•			
Elixir	M2Y1G64TU8HC4B-BD	DDR2 1066	1024MB	DS	Elixir	N2TU 51280CE-BD	6			•		•			
Kingbox	N/A	DDR2 1066	1024MB	DS	MICRON	7YDI2		1.8		•	•	•			
Mushkin	996535	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-4-12			•					
Mushkin	996612	DDR2 1066	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.1		•		•			
Mushkin	996612	DDR2 1066	2048MB(kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.1V		•	•	•			
Mushkin	996619	DDR2 1066	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.0-2.1		•	•				
Mushkin	996619	DDR2 1066	4096MB(kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	2.1V		•		•			

4 Dimm :

- **A\***: Supports **one module** inserted in any slot as Single-channel memory configuration
- **B\***: Supports **one pair of modules** inserted into either the blue slots or the black slots as one pair of **Dual-channel** memory configuration
- **C\***: Supports **4 modules** inserted into both the blue and black slots as two pairs of Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is The standard way of accessing information from a memory module.

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