

M4A78 PRO Motherboard Qualified Vendors Lists (QVL)

DDR2-1066MHz capability

Vendor	Part No.	Size	SS/ DS	Chip No.	CL	Chip Brand	DIMM socket support (Optional)		
							A*	B*	C*
A-DATA	Heat-Sink Package	2GB (kit of 2)	SS	AD21066E001GU	5-5-5-15	N/A			*
A-DATA	Heat-Sink Package	4GB (kit of 2)	DS	AD21066E002GU	5-5-5-15	N/A			*
Apacer	78.0AG9S.9K4	2GB (kit of 2)	DS	Heat-Sink Package	5-5-5-15	NA	*		*
Apacer	78.AAGAL.9KZ	4GB (kit of 2)	DS	Heat-Sink Package	5-5-5-15	NA	*		*
G.SKILL	F2-8500CL5D-2GBPK	2GB (kit of 2)	DS	Heat-Sink Package	5-5-5-15	N/A	*	*	*
G.SKILL	F2-8500CL5D-4GBPK	4GB (kit of 2)	DS	Heat-Sink Package	5-5-5-15	N/A			*
G.SKILL	F2-8500CL5S-1GBPK	2GB	DS	Heat-Sink Package	5-5-5-15	G.SKILL	*	*	*
GEIL	GB24GB8500C5QC	2GB	SS	GL2L128M88BA25AB	5	GEIL	*	*	*
GEIL	GE22GB1066C5DC	2GB	SS	Heat-Sink Package	5	GEIL	*		*
GEIL	GE24GB1066C5QC	2GB	DS	Heat-Sink Package	5	GEIL	*		*
GEIL	GX24GB8500C5UDC	4GB (kit of 2)	DS	Heat-Sink Package	5	N/A	*		*
Kingmax	KLED48F-A8K15	2GB	DS	KKA8FFIXF-JFS-18A	N/A	Kingmax	*	*	*
Kingston	KHX8500D2/ 512	512MB	SS	Heat-Sink Package	N/A	Kingston	*	*	*
Kingston	KHX8500D2K2/1GN	512MB	SS	Heat-Sink Package	N/A	Kingston	*	*	*
Kingston	Heat-Sink Package	2GB	DS	KHX8500AD2/2G	7-7-7-20	N/A			*
Kingston	KHX8500D2K2/2GN	2GB	DS	Heat-Sink Package	N/A	Kingston			*
OCZ	OCZ2N1066SR2DK	2GB (kit of 2)	DS	Heat-Sink Package(EPP)	5-5-5-15	OCZ			*
Qimonda	HYS64T128000EU-1.9-C2	2GB	DS	HYB18T1G800C2F- 1.9FSS25253	N/A	Qimonda			*
Transcend	TX1066QLU-2GK	2GB (kit of 2)	SS	Heat-Sink Package	5	Transced	*		*
Transcend	TX1066QLJ-2GK	2GB	DS	Heat-Sink Package	5	Transced	*		*
Transcend	TX1066QLU-4GK	4GB (kit of 2)	DS	Heat-Sink Package	5	Transced	*		*



Due to AM2+ CPU limitation, only one DDR2 1066 DIMM is supported per channel. When four DDR2 1066 DIMMs are installed, all DIMMs run at 800MHz frequency by default for system stability.

DDR2-800MHz capability

Vendor	Part No.	Size	SS/ DS	Chip No.	CL	Chip Brand	DIMM socket support (Optional)		
							A*	B*	C*
A-Data	AD2800E001GOU	2GB (kit of 2)	SS	Heat-Sink Package	4-4- 4-12	N/A	*	*	*
A-Data	M20AD6G3H3160Q1E58	512MB	SS	AD29608A8A-25EG80812	N/A	ADATA	*	*	*
A-Data	AD2800E002GOU	4GB (kit of 2)	DS	Heat-Sink Package	4-4- 4-12	N/A	*	*	*
A-Data	M20AD6G314170Q1E58	1GB	DS	AD29608A8A-25EG80810	N/A	ADATA	*	*	*
Apacer	78.01GA0.9K5	1GB	SS	AM4B5808CQJS8E0749D	5	Apacer	*	*	

DDR2-800MHz capability (continued)

Vendor	Part No.	Size	SS/ DS	Chip No.	CL	Chip Brand	DIMM socket support (Optional)		
							A*	B*	C*
Apacer	78.A1GA0.9K4	2GB	DS	AM4B5808CQJS8E0740E	5	Apacer	•	•	•
Corsair	CM2X2048-6400C5	4GB (kit of 2)	DS	Heat-Sink Package	5	Corsair	•	•	•
Corsair	XMS2-6400	1GB	DS	Heat-Sink Package	4	Corsair	•	•	•
Crucial	BL12864AA804.8FE5	2GB (kit of 2) (EPP)	SS	Heat-Sink Package	N/A	N/A	•	•	•
Crucial	BL12864AL804.8FE5	2GB (kit of 2) (EPP)	SS	Heat-Sink Package	4	N/A	•	•	•
Elixir	M2Y1G64TU88D5B-AC 0828.SG	1GB	SS	N2TU16800E-AC	N/A	Elixir	•	•	•
Elixir	M2Y1G64TU8HB0B-25C	1GB	DS	N2TU 51280BE-25C802006Z1DV	5	Elixir	•	•	•
Elixir	M2Y2G64TU8HD5B-AC 0826.SG	2GB	DS	N2TUG80DE-AC	N/A	Elixir	•	•	
G.SKILL	F2-6400CL5D-1GBNQ	1GB (kit of 2)	SS	Heat-Sink Package	5-5-5-15	G.SKILL	•	•	•
G.SKILL	F2-6400CL4D-2GBPK	1GB	DS	Heat-Sink Package	4	G.SKILL	•	•	•
G.SKILL	F2-6400CL4D-4GBPK	2GB	DS	Heat-Sink Package	4	G.SKILL	•	•	•
G.SKILL	F2-6400CL5D-2GBNQ	1GB	DS	Heat-Sink Package	5	G.SKILL	•	•	•
G.SKILL	F2-6400CL5D-4GBPQ	2GB	DS	Heat-Sink Package	5	G.SKILL	•	•	•
G.SKILL	F2-6400CL5Q-16GNQ	4GB	DS	Heat-Sink Package	5	G.SKILL	•	•	•
GEIL	GB22GB6400C4DC	1GB	DS	GL2L64M088BA30EB	4	GEIL	•	•	•
GEIL	GB22GB6400C5DC	1GB	DS	GL2L64M088BA30EB	5	GEIL	•	•	•
GEIL	GB24GB6400C4QC	1GB	DS	GL2L64M088BA30EB	4	GEIL	•	•	•
GEIL	GB24GB6400C5DC	2GB	DS	GL2L128M88BA25AB	5	GEIL	•	•	•
GEIL	GB24GB6400C5QC	1GB	DS	GL2L64M088BA30EB	5	GEIL	•	•	•
GEIL	GB28GB6400C4QC	2GB	DS	GL2L128M88BA25AB	4	GEIL	•	•	•
GEIL	GB28GB6400C5QC	2GB	DS	GL2L128M88BA25AB	5	GEIL	•	•	•
GEIL	GE22GB800C4DC	1GB	DS	Heat-Sink Package	4	GEIL	•	•	•
GEIL	GE22GB800C5DC	1GB	DS	Heat-Sink Package	5	GEIL	•	•	•
GEIL	GE24GB800C4DC	2GB	DS	Heat-Sink Package	4	GEIL	•	•	•
GEIL	GE24GB800C4QC	1GB	DS	Heat-Sink Package	4	GEIL	•	•	•
GEIL	GE24GB800C5DC	2GB	DS	Heat-Sink Package	5	GEIL	•	•	•
GEIL	GE24GB800C5QC	1GB	DS	Heat-Sink Package	5	GEIL	•	•	
GEIL	GE28GB800C4QC	2GB	DS	Heat-Sink Package	4	GEIL	•	•	•
GEIL	GE28GB800C5QC	2GB	DS	Heat-Sink Package	5	GEIL	•	•	•
GEIL	GX22GB6400DC	1GB	DS	Heat-Sink Package	5	GEIL	•	•	•
GEIL	GX24GB6400DC	2GB	DS	Heat-Sink Package	5	GEIL	•	•	•
HY	HYMP56U64CP8-S5 AB	512MB	SS	HY5PS12821CFP-S5	5	Hynix	•	•	•
HY	HYMP 512U64CP8-S5 AB	1GB	DS	HY5PS12821CFPS5	5	Hynix	•	•	•
Kingmax	KLDD48F-B8KB5	1GB	SS	KKB8FFBGXF-CFA-25U	N/A	Kingmax	•	•	•
Kingmax	KLDE88F-B8KB5	2GB	DS	KKB8FFBGXF-CFA-25U	N/A	Kingmax	•	•	•

DDR2-800MHz capability (continued)

Vendor	Part No.	Size	SS/ DS	Chip No.	CL	Chip Brand	DIMM socket support (Optional)		
							A*	B*	C*
Kingston	KHX6400D2LLK2/1GN	512MB	SS	Heat-Sink Package	N/A	Kingston	*	*	*
Kingston	KVR800D2N5/ 512	512MB	SS	E5108AJBG-8E-E 0803A9082	N/A	Kingston	*	*	*
Kingston	KVR800D2N6/ 512	512MB	SS	E5108AJBG-8E-E	N/A	Elpida	*		
Kingston	KHX6400D2/G	2GB	DS	Heat-Sink Package	N/A	Kingston	*	*	*
Kingston	KHX6400D2K2/G	2GB (kit of 2)	DS	Heat-Sink Package	N/A	Kingston	*		
Kingston	KHX6400D2LL/1G	1GB	DS	Heat-Sink Package	N/A	Kingston	*	*	*
kingston	KVR800D2N5/1G	1GB	DS	D6408TR4CGL25USL3624 06PECXA	N/A	kingston	*	*	*
Kingston	KVR800D2N5/2G	2GB	DS	E1108ACBG-8E-E	N/A	Elpida	*	*	*
Kingston	KVR800D2N6/2G	2GB	DS	461625.010819 PTGC	N/A	Kingston	*	*	*
Micron	MT9HTF12872AY-800E1	1GB	SS	D9HNP 7YE22(ECC)	6	Micron	*	*	*
Micron	MT9HTF6472AY-80ED4	512MB	SS	6ED22D9GKX(ECC)	5	Micron	*	*	*
Micron	MT18HTF12872AY-80ED4	1GB	DS	6TD22D9GKX(ECC)	5	Micron	*	*	
OCZ	OC22G800R22GK	1GB	DS	Heat-Sink Package	5	OCZ	*	*	*
OCZ	OC22P8004GK	2GB	DS	Heat-Sink Package	5	OCZ	*	*	*
OCZ	OC22P800R22GK	1GB	DS	Heat-Sink Package	4	OCZ	*	*	*
OCZ	OC22RPR8002GK	1GB	DS	Heat-Sink Package	4	OCZ	*	*	*
OCZ	OC22VU8004GK	1GB	DS	Heat-Sink Package	6	OCZ	*	*	
PSC	AL7E8E63H-10E1K	2GB	DS	A3R1GE3CFF750RABBP(ECC)	5	PSC	*	*	*
PSC	AL8E8F73C-8E1	2GB	DS	A3R1GE3CFF734MAAE	5	PSC	*	*	*
PSC	PL8E8F73C-8E1	2GB	DS	SHG772-AA3G	N/A	psc	*	*	*
PSC	PL8E8G73E-8E1	2GB	DS	XCP271A3G-A	N/A	psc	*	*	*
Samsung	M378T2863QZS-CF7	1GB	SS	K4T1G084QQ-HCF7	6	Samsung	*	*	*
Samsung	M378T6553GZS-CF7	512MB	SS	K4T51083QG-HCF7	6	Samsung	*	*	*
Samsung	M391T2863QZ3-CF7	1GB	SS	K4T1G084QQ-HCF7(ECC)	6	Samsung	*	*	*
Samsung	M378T5263AZ3-CF7	4GB	DS	K4T2G084QA-HCF7	N/A	Samsung	*	*	*
Transcend	JM800QLU-1G	1GB	SS	TQ1243PCF8	5	Transcend	*	*	*
Transcend	TS128MLQ64V8U	1GB	SS	E1108ACBG-8E-E	5	Elpaid	*	*	*
Transcend	TS64MLQ64V8J	512MB	SS	7HD22 D9GMH	5	Micron	*	*	*
Transcend	JM800QLJ-1G	1GB	DS	TQ123PJF8F0801	5	Transcend	*	*	*
Transcend	JM800QLU-2G	2GB	DS	TQ243PCF8	5	Transcend	*	*	
Transcend	TS128MLQ64V8J	1GB	DS	7HD22D9GMH	5	Mircon	*	*	*
Transcend	TS256MLQ64V8U	2GB	DS	E1108ACBG-8E-E	5	Elpida	*	*	*
Transcend	TS256MLQ72V8U	2GB	DS	E1108ACBG-8E-E(ECC)	N/A	Elpida	*	*	*
VDATA	M2GV06G3H3160Q1E52	512MB	SS	VD29608A8A-25EG20813	N/A	VDATA	*	*	*
Samsung	M391T5663QZ3-CF7	2GB	DS	K4T1G084QQ-HCF7(ECC)	6	Samsung	*	*	*

DDR2-667MHz capability

Vendor	Part No.	Size	SS/ DS	Chip No.	CL	Chip Brand	DIMM socket support (Optional)		
							A*	B*	C*
ADATA	M2OAD5G314170Q1C58	1GB	DS	AD29608A8A-3EG80814	N/A	ADATA	*	*	*
ADATA	M2OAD5H3J170I1C53	2GB	DS	AD20908A8A-3EG 30724	N/A	ADATA	*	*	*
Apacer	78.01G90.9K5	1GB	SS	AM4B5808CQJS7E0751C	5	Apacer	*	*	*
Apacer	78.91G92.9K5	512MB	SS	AM4B5708JQJS7E0751C	5	Apacer	*	*	*
Apacer	AU 512E667C5KBGC	512MB	SS	AM4B5708GQJS7E06332F	5	Apacer	*		
Apacer	78.A1G90.9K4	2GB	DS	AM4B5808CQJS7E0749B	5	Apacer	*	*	*
Apacer	AU01GE667C5KBGC	1GB	DS	AM4B5708GQJS7E0636B	N/A	Apacer	*	*	*
Corsair	XMS2-5400	1GB	DS	Heat-Sink Package	4	Corsair	*	*	*
G.SKILL	F2-5300CL5D-4GBMQ	4GB (kit of 2)	DS	Heat-Sink Package	5-5-5-15	G.SKILL	*	*	*
G.SKILL	F2-5400PHU2-2GBNT	2GB (kit of 2)	DS	D2 64M8CCF 0815 C7173S	5-5-5-15	G.SKILL	*	*	*
GEIL	GX22GB5300LX	2GB	DS	Heat-Sink Package	5	GEIL	*	*	*
GEIL	GX24GB5300LDC	2GB	DS	Heat-Sink Package	5	GEIL	*	*	*
Kingmax	KLCC28F-A8KB5	512MB	SS	KKEA88B4LAUG-29DX	N/A	Kingmax	*	*	*
Kingmax	KLCD48F-A8KB5	1GB	DS	KKEA88B4LAUG-29DX	N/A	Kingmax	*	*	*
Kingston	KVR667D2N5/ 512	512MB	SS	SO1237650821 SBP D6408TR4 CGL25USL074905PECNB	N/A	Kingston	*	*	*
Kingston	KVR667D2N5/1G	1GB	DS	SO1280420822 SOP D6408TR4 CGL25USL156304PECCA	N/A	Kingston	*	*	*
Kingston	KVR667D2N5/2G	2GB	DS	7RE22 D9HNL	N/A	Micron	*	*	*
Kingston	KVR667D2N5/2G	2GB	DS	E1108ACBG-8E-E 0813A90CC	N/A	Elpida	*	*	*
Nanya	NT 512T64U88A1BY-3C	512MB	SS	NT5TU64M8AE-3C	N/A	Nanya	*	*	*
Nanya	NT1GT64U8HB0BY-3C	1GB	DS	NT5TU64M8BE-3C72155700CP	5	Nanya	*	*	*
PSC	AL6E8E63J-6E1	512MB	SS	A3R12E3JFF717B9A00	5	PSC	*	*	*
PSC	AL7E8F73C-6E1	1GB	SS	A3R1GE3CFF734MAA0J	5	PSC	*	*	*
PSC	AL7E8E63J-6E1	1GB	DS	A3R12E3JFF717B9A01	5	PSC	*	*	*
Qimonda	HYS64T64000EU-3S-B2	512MB	SS	HYB18T 512B00B2F3SFSS28171	5	Qimonda	*	*	*
Qimonda	HYS64T128020EU-3S-B2	1GB	DS	HYB18T 512B00B2F3SFSS28171	5	Qimonda	*	*	*
Samsung	M378T5263AZ3-CE6	4GB	DS	K4T2G084QA-HCE6	N/A	Samsung	*	*	*
Super Talent	T667UB1GV	1GB	DS	PG 64M8-800 0750	5	Super Talent	*	*	*
Transcend	JM667QLJ-1G	1GB	DS	E5108AJBG-6E-E	5	Elpida	*	*	*
Twinmos	8D-A3JK5MPETP	512MB	SS	A3R12E3GEF833ACA0Y	5	PSC	*	*	*
ELIXIR	M2Y1G64TU8HA2B-3C	1GB	DS	M2TU 51280AE-3C717095R28F	5	ELIXIR	*	*	
ELIXIR	M2Y1G64TU8HBOB-3C	1GB	DS	N2TU 51280BE-3C639009W1CF	5	ELIXIR	*	*	*
Leadmax	LRMP 512U64A8-Y5	1GB	DS	HY5PS12821CFP-Y5 C 702AA	N/A	Hynix	*	*	*
Kingston	KVR667D2E5/1G	1GB	DS	E5108AJBG-8E-E(ECC)	5	Elpida	*	*	*
Kingston	KVR667D2E5/2G	2GB	DS	NT5TU128M8DE-3C(ECC)	5	Elpida	*	*	*



Side(s): SS - Single-sided DS - Double-sided

DIMM support:

- **A*:** Supports one module inserted into either slot as Single-channel memory configuration.
 - **B*:** Supports two modules inserted into either the yellow slots or the black slots as one pair of Dual-channel memory configuration.
 - **C*:** Supports four modules inserted into both the yellow slots and the black slots as two pairs of Dual-channel memory configuration.
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