

M4A78-HTPC Memory Qualified Vendors List (QVL)

M4A78-HTPC AM3 DDR2 800 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*
Apacer	78.91G9I.9K5	DDR2 800	512MB	SS	APACER	AM4B5708JQJS8E	5		●	●				
Apacer	78.01GA0.9K5	DDR2 800	1024MB	SS	APACER	AM4B5808CQJS8E	5		●	●	●			
Apacer	78.01GA0.9L5	DDR2 800	1024MB	SS	Apacer	AM4B5808FEWS8E	5(800-5-5-5-18)		●	●	●			
Apacer	78.A1GA0.9K4	DDR2 800	2048MB	DS	APACER	AM4B5808CQJS8E	5		●	●				
Apacer	78.A1GA0.9L4	DDR2 800	2048MB	DS	Apacer	AM4B5808FEWS8E	5(800-5-5-5-18)		●			●		
CORSAIR	CM2X1024-6400C4	DDR2 800	1024MB	DS	N/A	Heat-Sink Package	4	1.9	●	●	●			
CORSAIR	BoxP/N:TWIN2X4096-6400C4DHX (CM2X2048-6400C4DHX)Ver1.1	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	4-4-4-12	2.10	●					
	BoxP/N:TWIN2X4096-6400C5	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-18	1.80	●	●	●			
CORSAIR	BoxP/N:TWIN2X4096-6400C5DHX (CM2X2048-6400C5DHX)Ver4.1	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-18	1.80	●	●	●			
	BL12864AA80A.8FE5(EPP)	DDR2 800	1024MB	SS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
Crucial	BL25664AA80A.16FE5(EP	DDR2 800	2048MB	DS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
G.SKILL	F2-6400CL5D-1GBNQ	DDR2 800	1024MB(Kit of 2)	SS	N/A	Heat-Sink Package	5-5-5-15	1.8-2.0	●	●	●			
G.SKILL	F2-6400CL4D-2GBPK	DDR2 800	1024MB	DS		Heat-Sink Package	4		●	●				
G.SKILL	F2-6400CL5D-2GBNQ	DDR2 800	1024MB	DS		Heat-Sink Package	5							
G.SKILL	F2-6400PHU2-2GBNR	DDR2 800	1024MB	DS		Heat-Sink Package	5		●	●	●			
G.SKILL	F2-6400CL4D-4GBPK	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	4	2.0-2.1	●	●	●			
G.SKILL	F2-6400CL5D-4GBPQ	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5	1.8-1.9	●	●	●			
G.SKILL	F2-6400CL6D-4GBMQ	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	6	1.8-1.9	●	●	●			
G.SKILL	F2-6400CL6D-8GBMQ	DDR2 800	8192MB(Kit of 2)	DS	N/A	Heat-Sink Package	6-6-6-18	1.8	●	●	●			
GEIL	GB22GB6400C4DC	DDR2 800	2048MB(Kit of 2)	DS	GEIL	GL2L64M088BA30E	4-4-4-12	2.0	●	●	●			
GEIL	GB22GB6400C5DC	DDR2 800	2048MB(Kit of 2)	DS	GEIL	GL2L64M088BA30E	5-5-5-15	1.8	●	●	●			
GEIL	GE22GB800C4DC	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
GEIL	GE22GB800C5DC	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●	●			
GEIL	GX22GB6400DC	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●	●			
GEIL	GX22GB6400UDC	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	4-4-4-12	2.1	●	●	●			
GEIL	GX22GB6400C4USC	DDR2 800	2048MB	DS	N/A	Heat-Sink Package			●	●	●			
GEIL	GX22GB6400LX	DDR2 800	2048MB	DS	N/A	Heat-Sink Package	5-5-5-15		●	●	●			
GEIL	GB24GB6400C4DC	DDR2 800	4096MB(Kit of 2)	DS	GEIL	GL2L128M88BA25A	4-4-4-12	2.0	●	●				
GEIL	GB24GB6400C5DC	DDR2 800	4096MB(Kit of 2)	DS	GEIL	GL2L128M88BA25A	5-5-5-15	1.8	●	●				
GEIL	GB24GB6400C5QC	DDR2 800	4096MB(Kit of 2)	DS	GEIL	GL2L64M088BA30E	5-5-5-15	1.8	●	●	●			
GEIL	GE24GB800C4DC	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
GEIL	GE24GB800C5DC	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●	●			
GEIL	GX24GB6400DC	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●				
GEIL	GB24GB6400C4QC	DDR2 800	4096MB(Kitof4)	DS	GEIL	GL2L64M088BA30E	4-4-4-12	2.0	●	●	●			
GEIL	GE24GB800C4QC	DDR2 800	4096MB(Kitof4)	DS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
GEIL	GE24GB800C5QC	DDR2 800	4096MB(Kitof4)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●	●			
GEIL	GB28GB6400C4QC	DDR2 800	8192MB(Kitof4)	DS	GEIL	GL2L128M88BA25A	4-4-4-12	2.0	●	●	●			
GEIL	GB28GB6400C5QC	DDR2 800	8192MB(Kitof4)	DS	GEIL	GL2L128M88BA25A	5-5-5-15	1.8	●	●	●			
GEIL	GE28GB800C4QC	DDR2 800	8192MB(Kitof4)	DS	N/A	Heat-Sink Package	4-4-4-12	2.0	●	●	●			
GEIL	GE28GB800C5QC	DDR2 800	8192MB(Kitof4)	DS	N/A	Heat-Sink Package	5-5-5-15	1.8	●	●	●			
Hynix	HYMP564U64CP8-S5	DDR2 800	512MB	SS	HYNIX	HY5PS12821CFP-	5	1.8	●	●	●			
Hynix	HYMP112U64CP8-S6	DDR2 800	1024MB	SS	HYNIX	HY5PS1G831CFP-	6		●	●	●			
Hynix	HYMP 512U64CP8-S5	DDR2 800	1024MB	DS		HY5PS12821CFP-	5		●					
KINGMAX	KLDC28F-A8KI5	DDR2 800	512MB	SS	KINGMAX	KKA8FEIBF-HJK-			●	●	●			
KINGMAX	KLDD48F-ABKI5	DDR2 800	1024MB	DS	KINGMAX	KKA8FEIBF-HJK-			●	●	●			
KINGMAX	KLDE88F-B8KB5	DDR2 800	2048MB	DS	KINGMAX	KKB8FFBXF-CFA-			●	●	●			
KINGSTON	KVR800D2N5/ 512	DDR2 800	512MB	SS	ELPIDA	E5108AJBG-8E-E		1.8	●	●	●			
KINGSTON	KVR800D2N6/ 512	DDR2 800	512MB	SS	KINGSTON	D6408TR7CGL25U	800-6-6-6-18	1.8	●	●	●			
KINGSTON	KVR800D2N5/1G	DDR2 800	1024MB	SS	KINGSTON	D1288TEFCGL25U	800-5-5-5-18	1.8	●	●				
KINGSTON	KVR800D2N5/1G	DDR2 800	1024MB	SS	KINGSTON	D1288TPFCGL25U	800-5-5-5-15	1.8	●	●	●			
KINGSTON	KVR800D2N6/1G	DDR2 800	1024MB	DS	KINGSTON	D6408TR7CGL25U	800-6-6-6-18	1.8	●	●	●			
KINGSTON	KHX6400D2LLK2/2GN(EPP )	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package			●	●				
KINGSTON	KHX6400D2/2G	DDR2 800	2048MB	DS	N/A	Heat-Sink Package		2.0	●	●	●			
KINGSTON	KVR800D2N5/2G	DDR2 800	2048MB	DS	KINGSTON	D1288TEFCGL25U	800-5-5-5-18	1.8	●	●	●			
KINGSTON	KVR800D2N6/4G	DDR2 800	4096MB	DS	ELPIDA	E2108ABSE-8G-E								
KINGSTON	KVR800D2N6/4G	DDR2 800	4096MB	DS	ELPIDA	E2108ABSE-8G-E	6(800-6-6-6-18)	1.8	●	●	●			
NANYA	NT 512T64U88B0BY-25C	DDR2 800	512MB	SS		NT5TU64M8BE-25C	5		●	●	●			
NANYA	NT1GT64U8HB0BY-25C	DDR2 800	1024MB	DS		NT5TU64M8BE-25C	5		●	●	●			
NANYA	NT1GT64U8HCOBY-25D	DDR2 800	1024MB	DS	NANYA	NT5TU64M8CE-25D			●	●	●			
NANYA	NT2GT64U8HCOBY-AC	DDR2 800	2048MB	DS	NANYA	NT5TU128M8CE-AC	5		●	●	●			
OCZ	OCZ2G8001G	DDR2 800	1024MB	DS	N/A	Heat-Sink Package	5	1.8	●	●	●			
OCZ	OCZ2G8002GK	DDR2 800	1024MB	DS		Heat-Sink Package	5							
OCZ	OCZ2T8002GK(EPP)	DDR2 800	1024MB	DS	N/A	Heat-Sink Package	5	1.8	●	●	●			
OCZ	OCZ2FX800C32GK	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	3-4-4(800-5-5-5-	2.35	●	●	●			
OCZ	OCZ2P800R22GK	DDR2 800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	4	1.8	●					
OCZ	OCZ2P8004GK	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-4-4	1.8	●	●	●			

OCZ	OCZ2G8008GK	DDR2 800	8192MB(Kit of 2)	DS	N/A	Heat-Sink Package	5	1.80	● ● ●
OCZ	OCZ2VU80016GQ	DDR2 800	8192MB(Kit of 2)	DS	N/A	Heat-Sink Package	5-6-6(800-5-5-5-	1.8	● ● ●
PSC	AL7E8G73F-8E1	DDR2 800	1024MB	SS	PSC	P3R1GE3FGF850M AC19	5(800-5-5-5-18)		● ● ●
PSC	AL8E8F73C-8E1	DDR2 800	2048MB	DS	PSC	A3R1GE3CFF734M AA0E	5		● ● ●
PSC	AL8E8G73F-8E1	DDR2 800	2048MB	DS	PSC	P3R1GE3FGF850M AC19	5(800-5-5-5-18)		● ● ●
SAMSUN	M378T6553GZS-CF7	DDR2 800	512MB	SS	SAMSUNG	K4T51083QG	6		● ● ●
SAMSUN	M378T2863QZS-CF7	DDR2 800	1024MB	SS	SAMSUNG	K4T1G084QQ	6		● ● ●
SAMSUN	M391T2863QZ3-CF7	DDR2 800	1024MB	SS	SAMSUNG	K4T1G084QQ(ECC)	6		● ● ●
SAMSUN	M378T2953GZ3-CF7	DDR2 800	1024MB	DS	SAMSUNG	K4T51083QG	6		● ● ●
SAMSUN	M378T5663QZ3-CF7	DDR2 800	2048MB	DS	SAMSUNG	K4T1G084QQ(ECC)	6		● ● ●
SAMSUN	M391T5663QZ3-CF7	DDR2 800	2048MB	DS	SAMSUNG	K4T1G084QQ	6		● ● ●
SAMSUN	M378T5263AZ3-CF7	DDR2 800	4096MB	DS	SAMSUNG	K4T2G084QA-HCF7	6		● ● ●
Super Talent	T800UA12C4	DDR2 800	512MB	SS		Heat-Sink Package			● ●
Super Talent	T800UB1GC4	DDR2 800	1024MB	DS		Heat-Sink Package			● ● ●
Transcen	JM800QLU-1G	DDR2 800	1024MB	SS	Transcend	TQ243ECF8	5		
Transcen	TS128MLQ64V8U	DDR2 800	1024MB	SS	ELPIDA	E1108ACBG-8E-E	5		● ● ●
Transcen	JM800QLU-2G	DDR2 800	2048MB	DS	Transcend	TQ243PCF8	5		● ● ●
Transcen	TS256MLQ64V8U	DDR2 800	2048MB	DS	ELPIDA	E1108ACBG-8E-E	5		● ● ●
Transcen d	TS256MLQ72V8U	DDR2 800	2048MB	DS	ELPIDA	E1108ACBG-8E- E(ECC)	5		● ● ●
Asint	SLY2128M8-JGE	DDR2 800	1024MB	SS	Asint	DDR11208-GE			● ● ●
Asint	SLZ2128M8-JGE	DDR2 800	2048MB	DS	Asint	DDR11208-GE			● ● ●
CENTUR	28V2H8	DDR2 800	512MB	SS	HYNIX	HY5PS12821BFP-			● ●
CENTUR	28VOH8	DDR2 800	1024MB	DS	HYNIX	HY5PS12821BFP-			● ● ●
Elixir	M2Y1G64TU88D4B-AC	DDR2 800	1024MB	SS	Elixir	N2TU1G80DE-AC	5		● ● ●
Elixir	M2Y1G64TU8HB0B-25C	DDR2 800	1024MB	DS	Elixir	N2TU 51280BE-25C	5	1.8	● ● ●
Elixir	M2Y2G64TU8HD4B-AC	DDR2 800	2048MB	DS	Elixir	N2TU1G80DE-AC	5		● ● ●
Kingbox	N/A(矮版)	DDR2 800	2048MB	DS	Kingbox	EPD2128082200E-3	800-5-5-5-15		● ● ●
Kingbox	N/A	DDR2 800	2048MB	DS	MICRON	D9HNL			● ●
Kingbox	N/A	DDR2 800	2048MB	DS	KINGBOX	EPD2128082200E-3			● ● ●
Mushkin	XP2-6400	DDR2 800	1024MB	SS		Heat-Sink Package	4		● ● ●
Oci	04701G16CZ5D2A	DDR2 800	1024MB	DS	Jnfinity	64M8PC6400	5		● ● ●
Patriot	PSD2 51280081	DDR2 800	512MB	SS	PATRIOT	PM64M8D2BU-25EC			● ● ●
Patriot	PSD21G8002	DDR2 800	1024MB	DS	PATRIOT	PM64M8D2BU-	5		● ● ●
Patriot	PSD22GB002	DDR2 800	2048MB	DS	PATRIOT	PM128M8D2BU-	5		● ● ●
Patriot	PDC24G6400LLK	DDR2 800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	4-4-4-12	2.2	● ● ●
Silicon Power	SP001GBLRU800S02	DDR2 800	1024MB	SS	S-POWER	10YR9N3	5(5-5-5-15)		● ● ●
Silicon Power	SP002GBLRU800S02	DDR2 800	2048MB	DS	S-POWER	10YR9N3	5(5-5-5-15)		● ● ●
UMAX	D48002GP1-73BEB	DDR2 800	2048MB	DS	UMAX	U2S24D30TP-8E	800-5-5-5-15		● ● ●

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

-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