

ASUS M4A78T-E Motherboard Qualified Vendors List (QVL)

M4A78T-E DDR3 1600 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*
A-DATA	AD31600E001GMU(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1333-9-9-9-24)	1.65-1.85	●		●
A-DATA	AD31600F002GMU(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.75-1.85	●	●	●
CORSAIR	BoxP/N:TWIN3X2048-1600C7DHXIN (CM3X1024-1600C7DHXIN)(XMP)Ver3.1	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.8		●	●
CORSAIR	TR3X3G1600C8D(XMP)Ver2.1	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65	●		
CORSAIR	TR3X3G1600C9(XMP)Ver1.1	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.65	●	●	
CORSAIR	BoxP/N:TWIN3X4G1600C9DHXNV(CM3X2G1600C9DHXNV)Ver4.1	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.8	●	●	
CORSAIR	BoxP/N:TWIN3X4096-1600C7DHXIN (CM3X2048-1600C7DHXIN)Ver3.1	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1601-7-7-7-20)	1.9	●	●	
CORSAIR	TR3X6G1600C8D(XMP)Ver2.1	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65			●
CORSAIR	TR3X8G1600C9(XMP)Ver2.1	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.65	●		
Crucial	BL12864BA1608.8SFB(XMP)	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	(1601-8-8-8-24)	1.8	●	●	●
G.SKILL	F3-12800CL9D-2GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.6	●	●	●
G.SKILL	F3-12800CL7D-2GBHZ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1601-7-7-7-18)	1.9	●	●	
G.SKILL	F3-12800CL7D-4GBPI	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-18(1333-9-9-9-24)	1.9	●		●
G.SKILL	F3-12800CL9T-6GBNQ	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.5-1.6	●	●	●
G.SKILL	F3-12800CL8T-6GBHK(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-21(1333-8-8-8-21)	1.6-1.65	●		
KINGSTON	KHX12800D3LK3/3GX(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.65	●		
OCZ	OCZ3T1600XM2GK(XMP)	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1601-8-8-8-28)				●
OCZ	OCZ3P16004GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7(1333-7-7-7-20)	1.9	●		●
OCZ	OCZ3G1600LV3GK	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8(1066-7-7-7-20)	1.65	●	●	
OCZ	OCZ3RPR16004GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7(1333-7-7-7-20)	1.9	●	●	●
OCZ	OC23X16004GK	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20	1.9	●		
OCZ	OCZ3G1600LV6GK	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8(1066-7-7-7-20)	1.65	●	●	●
Aeneon	AXH760UD10-16H	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	(1601-9-9-9-28)		●	●	●
Aeneon	AXH860UD20-16H	DDR3 1600	2048MB	DS	N/A	Heat-Sink Package	(1601-9-9-9-28)		●	●	●
Cell Shock	CS322271	DDR3 1600	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-14(1066-7-7-7-20)	1.7-1.9	●		●
Ellixir	M2F2G64CB8HA4N-DG	DDR3 1600	2048MB	DS	Ellixir	N2CB1G80AN-DG	9(1333-9-9-9-28)		●	●	●
Mushkin	996657	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20		●	●	●
Patriot	PVT33G1600ELK	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●	●	●
Patriot	PVS34G1600LLKN	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7-7-7-20(1066-7-7-7-20)	2.0	●	●	●
Patriot	PVT36G1600ELK	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●	●	
Patriot	PVT36G1600ELK	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1600-7-7-7-20)	1.65	●	●	●

M4A78T-E DDR3 1333 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*
A-DATA	SO631B16	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	(1333-9-9-9-24)		●	●	●
A-DATA	AD31333E002G0U	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.65-1.85	●		●
Apacer	78.01GC6.420	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E	(1333-9-9-9-24)		●	●	●
Apacer	78.01GC8.422	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E(ECC)	(1333-9-9-9-24)		●	●	●
Apacer	78.A1GC6.421	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E	(1333-9-9-9-24)		●	●	●
Apacer	78.A1GC8.423	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E(ECC)	(1333-9-9-9-24)		●	●	
CORSAIR	CM3X1G1333C9DP6(XMP)	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	9-9-9-24(1337-9-9-9-24)	1.5	●	●	●
CORSAIR	TR3X3G1333C9	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	●	●	●
CORSAIR	CM3X1024-1333C9DHX	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.1	●	●	●
CORSAIR	BoxP/N:TWIN3X2048-1333C9 (CM3X1024-1333C9)	DDR3 1333	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.70	●	●	●
CORSAIR	TR3X6G1333C9	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	●	●	●
Crucial	CT12864BA1339.8SFB	DDR3 1333	1024MB	SS	MICRON	D9GTS	(1333-9-9-9-24)		●	●	●
Crucial	CT12864BA1339.8SFD	DDR3 1333	1024MB	SS	MICRON	MT8JF12864AY-1G4D1	(1333-9-9-9-24)		●	●	●
Crucial	CT25664BA1339.16SFD	DDR3 1333	2048MB	DS	MICRON	D9JNM	(1333-9-9-9-24)		●	●	●
ELPIDA	EBJ10UE8BAW0-DJ-E	DDR3 1333	1024MB	SS	ELPIDA	J1108BABG-DJ-E	9(1333-9-9-9-24)		●	●	●
ELPIDA	EBJ21UE8BAW0-DJ-E	DDR3 1333	2048MB	DS	ELPIDA	J1108BABG-DJ-E	9(1333-9-9-9-24)		●	●	●
G.SKILL	F3-10600CL7D-2GBPI	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1337-7-7-7-18)	1.65		●	●
G.SKILL	F3-10600CL8D-2GBHK	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1337-8-8-8-22)	1.65	●	●	●
G.SKILL	F3-10600CL9D-2GBPK	DDR3 1333	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.65	●	●	●
G.SKILL	F3-10600CL9D-2GBNQ	DDR3 1333	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.5-1.65	●	●	●
G.Skill	F3-10666CL7T-6GBPK(XMP)	DDR3 1333	2048MB	DS	N/A	Heat-Sink Package	7-7-7-18(1333-7-7-7-18)	1.5-1.6	●	●	●
G.Skill	F3-10666CL8D-4GBHK(XMP)	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-8-21(1333-7-7-7-20)	1.5-1.6	●	●	●
G.SKILL	F3-10666CL9D-4GBPK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.65	●	●	●
G.SKILL	F3-10666CL9T-6GBNQ	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.5	●	●	●
KINGMAX	FLFD45F-B8EE9	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)		●	●	●
KINGSTON	KVR1333D3N9/1G	DDR3 1333	1024MB	SS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)	1.5	●	●	●
KINGSTON	KVR1333D3N9/2G	DDR3 1333	2048MB	DS	ELPIDA	J1108BASE-DJ-E	(1333-9-9-9-24)	1.5	●	●	●
MICRON	MT8JTF12864AY-1G4BYES	DDR3 1333	1024MB	SS	MICRON	Z9HWR	(1333-9-9-9-24)		●	●	
MICRON	MT16JTF25664AY-1G4BYES	DDR3 1333	2048MB	DS	MICRON	Z9HWR	(1333-9-9-9-24)		●	●	●
OCZ	OCZ3RPX1333EB2GK	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-6-5-5-20)		●		

OCZ	OCZ3G13334GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	9(1066-8-9-9-20)	1.7	●	●	●
OCZ	OCZ3P13334GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	7(1333-7-7-7-20)	1.8	●	●	●
OCZ	OCZ3RPX1333EB4GK	DDR3 1333	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1066-6-5-5)	1.85	●		
Qimonda	IMSH1GU03A1F1C-13H	DDR3 1333	1024MB	SS	Qimonda	IDSH1G-03A1F1C-13H	9(1333-9-9-9-24)		●	●	●
Qimonda	IMSH2GU13A1F1C-13H	DDR3 1333	2048MB	DS	Qimonda	IDSH1G-03A1F1C-13H	9(1333-9-9-9-24)		●	●	●
SAMSUNG	M378B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		●	●	●
SAMSUNG	M391B2873DZ1-CH9	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D(ECC)	9(1333-9-9-9-24)		●	●	●
SAMSUNG	M378B5673DZ1-CH9	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		●	●	●
SAMSUNG	M391B5673DZ1-CH9	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D(ECC)	9(1333-9-9-9-24)		●	●	●
Transcend	TS128MLK64V3U	DDR3 1333	1024MB	SS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		●	●	●
Transcend	TS256MLK64V3U	DDR3 1333	2048MB	DS	SAMSUNG	K4B1G0846D	9(1333-9-9-9-24)		●	●	●
Aeneon	AEH760UD00-13H	DDR3 1333	1024MB	DS	AENEON	AEH93R13H	(1333-9-9-9-24)		●	●	●
Asint	SLY3128M8-EDJ	DDR3 1333	1024MB	SS	Asint	DDRIII1208-DJ	(9-9-9-24)		●	●	●
Asint	SLZ3128M8-EDJ	DDR3 1333	2048MB	DS	Asint	DDRIII1208-DJ	(9-9-9-24)		●	●	●
ASUS	N/A	DDR3 1333	1024MB	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)		●	●	●
BUFFALO	FSX1333D3G-1G	DDR3 1333	1024MB	SS	N/A	Heat-Sink Package	(1066-7-7-7-20)		●	●	
BUFFALO	FSX1333D3G-2G	DDR3 1333	2048MB	DS	N/A	Heat-Sink Package	(1066-7-7-7-20)		●	●	●
Elixir	M2F2G64CB8HA4N-CG	DDR3 1333	2048MB	DS	Elixir	N2CB1G80AN-CG	(1333-9-9-9-24)		●	●	●
Patriot	PDC32G1333LLK	DDR3 1333	1024MB	SS	PATRIOT	Heat-Sink Package	7(1337-7-7-7-20)	1.7	●	●	●
Patriot	PVT33G1333ELK	DDR3 1333	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●	●	●
Patriot	PVT36G1333ELK	DDR3 1333	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	1.65	●	●	●

M4A78T-E DDR3 1067 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*
CORSAIR	CM3X1024-1066C7	DDR3 1067	1024MB	DS	N/A	Heat-Sink Package	7	1.1	●	●	●
Crucial	CT12864BA1067-8SFB	DDR3 1067	1024MB	SS	MICRON	Z9HWQ	7		●	●	
Crucial	CT12864BA1067-8SFD	DDR3 1067	1024MB	SS	MICRON	D9JNL	7		●	●	●
Crucial	CT25664BA1067-16SFD	DDR3 1067	2048MB	DS	MICRON	D9JNL	7		●	●	●
ELPIDA	EBJ10UE8BAW0-AE-E	DDR3 1067	1024MB	SS	ELPIDA	J1108BAG-DJ-E	7(1066-7-7-7-20)		●	●	●
ELPIDA	EBJ21UE8BAW0-AE-E	DDR3 1067	2048MB	DS	ELPIDA	J1108BAG-DJ-E	7(1066-7-7-7-20)		●	●	●
G.SKILL	F3-8500CL6D-2GBHK	DDR3 1067	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	6-6-6-15	1.65	●	●	●
Hynix	HMT112U6AFP8C-G7N0	DDR3 1067	1024MB	SS	HYNIX	H5TQ1G83AFP7G7C	7		●	●	●
Hynix	HYMT112U64ZNf8-G7	DDR3 1067	1024MB	SS	HYNIX	HY5TQ1G831ZNFP-G7	7		●	●	●
Hynix	HMT125U6AFP8C-G7N0	DDR3 1067	2048MB	DS	HYNIX	H5TQ1G83AFP7G7C	7		●	●	●
Hynix	HYMT125U64ZNf8-G7	DDR3 1067	2048MB	DS	HYNIX	HY5TQ1G831ZNFP-G7	7		●	●	●
KINGSTON	KVR1066D3N7/1G	DDR3 1067	1024MB	DS	ELPIDA	J5308BASE-AC-E		1.5	●	●	●
KINGSTON	KVR1066D3N7/2G	DDR3 1067	2048MB	DS	SAMSUNG	K4B1G0846C-ZCF8		1.5	●	●	
MICRON	MT8JTF12864AY-1G1D1	DDR3 1067	1024MB	SS	MICRON	7VD22	7		●	●	●
MICRON	MT16JTF25664AY-1G1D1	DDR3 1067	2048MB	DS	MICRON	7VD22	7		●	●	●
Qimonda	IMSH1GU03A1F1C-10F	DDR3 1067	1024MB	SS	Qimonda	IDSH1G-03A1F1C-10F	7		●	●	●
Qimonda	IMSH1GU03A1F1C-10G	DDR3 1067	1024MB	SS	Qimonda	IDSH1G-03A1F1C-10G	8		●	●	●
Qimonda	IMSH1GU13A1F1C-10F	DDR3 1067	1024MB	DS		IDSH51-03A1F1C-10F			●	●	●
Qimonda	IMSH2GU13A1F1C-10F	DDR3 1067	2048MB	DS	Qimonda	IDSH1G-03A1F1C-10F	7		●	●	●
Qimonda	IMSH2GU13A1F1C-10G	DDR3 1067	2048MB	DS	Qimonda	IDSH1G-03A1F1C-10G	8		●	●	
SAMSUNG	M378B5273BH1-CF8	DDR3 1067	4096MB	DS	SAMSUNG	K4B2G0846B-HCF8	8(7-7-7-20)	1.5	●	●	●
Transcend	TS256MLK64V1U	DDR3 1067	2048MB	DS	ELPIDA	J1108BAG-AE-E	7(1066-7-7-7-20)		●	●	●
Aeneon	AEH760UD00-10FA98X	DDR3 1067	1024MB	DS	AENEON	AEH93R10F	7		●	●	
Asint	SLY3128M8-EAE	DDR3 1067	1024MB	SS	Asint	DDRIII1208-AE	(7-7-7-20)		●	●	●
Asint	SLZ3128M8-EAE	DDR3 1067	2048MB	DS	Asint	DDRIII1208-AE	(7-7-7-20)		●	●	●
Elixir	M2F2G64CB8HAN4-BE	DDR3 1067	2048MB	DS	Elixir	N2CB1G80AN-BE	7		●	●	●
WINTEC	3DU3191A-10	DDR3 1067	1024MB	DS	Qimonda	IDSH51-03A1F1C-10F	7		●	●	●

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 orange slots or the black slots as one pair of Dual-channel memory configuration
- C* : Supports 4 modules inserted into both the orange 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 **Orange** 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.