

**M4A87TD EVO**

**DDR3 1067 Qualified Vendors List (QVL)**

- Due to CPU spec., AMD 100 and 200 series CPUs support up to DDR3 1066Mhz. With ASUS design, this motherboard can support up to DDR3 1333MHz.
- When overclocking, some AMD CPU models may not support DDR3 1600 or higher frequency DIMMs.

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
Crucial	CT12864BA1067.8FF	1GB	SS	MICRON	D9KPT	7	-	•	•	•
Crucial	CT12864BA1067.8SFD	1GB	SS	MICRON	D9JNL	7	-	•	•	•
Crucial	CT12872BA1067.9FF	1GB	SS	MICRON	D9KPT(ECC)	7	-	•	•	•
Crucial	CT25664BA1067.16FF	2GB	DS	MICRON	D9KPT	7	-	•	•	•
Crucial	CT25664BA1067.16SFD	2GB	DS	MICRON	D9JNL	7	-	•	•	•
Crucial	CT25672BA1067.18FF	2GB	DS	MICRON	D9KPT(ECC)	7	-	•	•	•
ELPIDA	EBJ10UE8BAW0-AE-E	1GB	SS	ELPIDA	J1108ABG-DJ-E	7	-	•	•	•
ELPIDA	EBJ10UE8EDF0-AE-F	1GB	SS	ELPIDA	J1108DSE-DJ-F	-	-	•	•	•
ELPIDA	EBJ21UE8BAW0-AE-E	2GB	DS	ELPIDA	J1108ABG-DJ-E	7	-	•	•	•
ELPIDA	EBJ21UE8EDF0-AE-F	2GB	DS	ELPIDA	J1108DSE-DJ-F	-	-	•	•	•
Hynix	HMT112U6AFP8C-G7N0	1GB	SS	HYNIX	H5TQ1G83AFP7G7C	7	-	•	•	•
Hynix	HYMT112U64ZN8-G7	1GB	SS	HYNIX	HY5TQ1G831ZNFP-G7	7	-	•	•	•
Hynix	HMT125U6AFP8C-G7N0	2GB	DS	HYNIX	H5TQ1G83AFP7G7C	7	-	•	•	•
Hynix	HYMT125U64ZN8-G7	2GB	DS	HYNIX	HY5TQ1G831ZNFP-G7	7	-	•	•	•
KINGSTON	KVR1066D3N71G	1GB	SS	KINGSTON	D1288JEKAPA7U	7	1.5	•	•	•
KINGSTON	KVR1066D3N7/2G	2GB	DS	KINGSTON	D1288JEKAPGA7U	7	1.5	•	•	•
KINGSTON	KVR1066D3N7/2G	2GB	DS	ELPIDA	J1108ABG-DJ-E	-	1.5	•	•	•
KINGSTON	KVR1066D3N7/4G	4GB	DS	SAMSUNG	K4B2G0846B-HCF8	-	1.5	•	•	•
MICRON	MT8JTF12864AZ-1G1F1	1GB	SS	MICRON	8ZF22 D9KPV	7	-	•	•	•
MICRON	MT8JTF12864AZ-1G1F1	1GB	SS	MICRON	D9KPT	7	-	•	•	•
MICRON	MT9JSF12872AZ-1G1F1	1GB	SS	MICRON	D9KPT(ECC)	7	-	•	•	•
MICRON	MT16JTF25664AY-1G1D1	2GB	DS	MICRON	7VD22	7	-	•	•	•
MICRON	MT16JTF25664AZ-1G1F1	2GB	DS	MICRON	8ZF22 D9KPT	7	-	•	•	•
MICRON	MT16JTF25664AZ-1G1F1	2GB	DS	MICRON	D9KPT	7	-	•	•	•
MICRON	MT18JSF25672AZ-1G1F1	2GB	DS	MICRON	D9KPT(ECC)	7	-	•	•	•
SAMSUNG	M378B5273BH1-CF8	4GB	DS	SAMSUNG	K4B2G0846B-HCF8	8	1.5	•	•	•
Asint	SLY3128M8-EAE	1GB	SS	Asint	DDRIII1208-AE	-	-	•	•	•
Asint	SLZ3128M8-EAE	2GB	DS	Asint	DDRIII1208-AE	-	-	•	•	•
Ellixir	M2Y2G64CB8HA9N-BE	2GB	DS	-	-	-	-	•	•	•
Ellixir	M2Y2G64CB8HC5N-BE	2GB	DS	Ellixir	N2CB180CN-BE	-	-	•	•	•
Ellixir	M2Y2G64CB8HC9N-BE	2GB	DS	-	-	-	-	•	•	•
WINTeC	3DU3191A-10	1GB	DS	Qimonda	IDSH51-03A1F1C-10F	7	-	•	•	•

4 DIMM Slots

- 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration
- 2 DIMM: Supports one pair of modules inserted into either the **blue** slots or the **black** slots as one pair of Dual-channel memory configuration
- 4 DIMM: 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.

**M4A87TD EVO**

**DDR3 1333 Qualified Vendors List (QVL)**

- Due to CPU spec., AMD 100 and 200 series CPUs support up to DDR3 1066Mhz. With ASUS design, this motherboard can support up to DDR3 1333MHz.
- When overclocking, some AMD CPU models may not support DDR3 1600 or higher frequency DIMMs.

M4A87D EVO										
DDR3 1333 Qualified Vendors List (QVL)										
1. Due to CPU spec., AMD 100 and 200 series CPUs support up to DDR3 1066Mhz. With ASUS design, this motherboard can support up to DDR3 1333Mhz.										
2. When overclocking, some AMD CPU models may not support DDR3 1600 or higher frequency DIMMs.										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
A-DATA	AD3133301GOU	1GB	SS	A-DATA	AD30908C8D-15IG	-	-	•		
A-DATA	AD31333002GOU	2GB	DS	A-DATA	AD30908C8D-15IG	-	-	•	•	
A-DATA	AD3U1333B2G9-2	2GB	DS	A-DATA	AD30908C8D-15IG	-	-	•	•	
A-DATA	AX3U1333PB2G7-2P	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.65-1.85	•	•	•
A-DATA	AD3U1333CA9G-B	4GB	DS	Hynix	H5TQ2G83AFRH9C	1333-9-9-9-24	-	•	•	•
A-DATA	AD31333E002GOU	6GB(3 x 2GB)	DS	-	-	7-7-7-20	1.65-1.85	•	•	•
A-DATA	AX3U1333PB2G7-3P	6GB(3 x 2GB)	DS	-	-	7-7-7-20	1.65-1.85	•	•	•
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808DEWSBG	9	-	•	•	•
CORSAIR	TR3X3G1333C9 (Ver.2.1)	3GB(3 x 1GB)	SS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	CM3X1024-1333C9DHX	1GB	DS	-	-	-	1.1	•	•	
CORSAIR	BoxP/N:TWIN3X2048-1333C9	2GB(2 x 1GB)	DS	-	-	9-9-9-24	1.70	•		
CORSAIR	CM3X2G1333C9	2GB	DS	-	-	9-9-9-24	1.5	•	•	•
CORSAIR	BoxP/N:TW3X4G1333C9DHX	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.70	•		
CORSAIR	TR3X6G1333C9 (Ver.2.1)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.5	•		
CORSAIR	CMX8GX3M4A1333C9	8GB(4 x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	•
Crucial	CT12864BA1339.8FF	1GB	SS	MICRON	D9KPT	9	-	•	•	•
Crucial	CT12864BA1339.8SFD	1GB	SS	MICRON	MT8JF12864AY-1G4D1	-	-	•	•	•
Crucial	CT12872BA1339.9FF	1GB	SS	MICRON	D9KPT(ECC)	9	-	•	•	•
Crucial	BL25664BN1337.16FF(XMP)	2GB	DS	-	-	7-7-7-24	1.65	•	•	•
Crucial	CT25664BA1339.16FF	2GB	DS	MICRON	D9KPT	9	-	•	•	•
Crucial	CT25664BA1339.16SFD	2GB	DS	MICRON	D9JNM	-	-	•	•	•
Crucial	CT25672BA1339.18FF	2GB	DS	MICRON	D9KPT(ECC)	9	-	•	•	•
Crucial	BL25664BA1336.16SFB1	4GB(2 x 2GB)	DS	NA	-	6-6-6-20	1.8	•	•	•
ELPIDA	EBJ10UE8BAW0-DJ-E	1GB	SS	ELPIDA	J1108ABAG-DJ-E	9	-	•	•	•
ELPIDA	EBJ10UE8BDF0-DJ-F	1GB	SS	ELPIDA	J1108BDSE-DJ-F	-	-	•	•	•
ELPIDA	EBJ21UE8BDF0-DJ-F	2GB	DS	ELPIDA	J1108BDSE-DJ-F	-	-	•	•	•
ELPIDA	EBJ21UE8EDF0-DJ-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	-	•	•	•
G.SKILL	F3-10600CL7D-2GBPI	2GB(2 x 1GB)	SS	-	-	-	1.65	•	•	•
G.SKILL	F3-10600CL8D-2GBHK	2GB(2 x 1GB)	SS	-	-	-	1.65	•	•	•
G.SKILL	F3-10666CL7T-6GBPK(XMP)	2GB	DS	-	-	7-7-7-18	1.5-1.6	•		
G.SKILL	F3-10666CL7D-4GBPI(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-21	1.5	•	•	•
G.SKILL	F3-10666CL7D-4GBRH(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-21	1.5	•	•	•
G.SKILL	F3-10666CL8D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.35	•		
G.SKILL	F3-10666CL8D-4GBHK(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-21	1.5-1.6	•	•	•
G.SKILL	F3-10666CL8D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-21	1.5-1.6	•	•	•
G.SKILL	F3-10666CL9T-6GBNQ	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL	GG34GB1333C9DC	4GB(2 x 2GB)	DS	GEIL	GL1L128M88BA12N	9-9-9-24	1.3	•	•	•
GEIL	GV34GB1333C7DC	4GB(2 x 2GB)	DS	-	-	7-7-7-24	1.5	•	•	•
Hynix	HMT112U6BF8RC-H9	1GB	SS	Hynix	H5TQ1G83BFR	9	-	•	•	•
Hynix	HMT125U6BF8RC-H9	2GB	DS	Hynix	H5TQ1G83BFRH9C	9	-	•	•	•
KINGMAX	FLFD45F-B8KG9	1GB	SS	KingMax	KFB8FNGFB-ANX-15A	-	-	•	•	•
KINGSTON	KVR1333D3N9/1G	1G	SS	Kingston	D1288JELDPGD9U	-	1.5	•	•	•
KINGSTON	KVR1333D3E9S/4G	4GB	DS	SAMSUNG	K4B2G0846B-HCH9	-	1.5	•	•	•
KINGSTON	KVR1333D3N9/4G	4GB	DS	SAMSUNG	K4B2G0846B-HCH9	9	1.5	•	•	•
MICRON	MT8JTF12864AZ-1G4F1	1GB	SS	MICRON	9FF22 D9KPT	9	-	•	•	•
MICRON	MT8JTF12864AZ-1G4F1	1GB	SS	MICRON	D9KPT	9	-	•	•	•
MICRON	MT9JSF12872AZ-1G4F1	1GB	SS	MICRON	D9KPT(ECC)	9	-	•	•	•
MICRON	MT16JTF25664AZ-1G4F1	2GB	DS	MICRON	D9KPT	9	-	•	•	•
MICRON	MT16JTF25664AZ-1G4F1	2GB	DS	MICRON	9FF22 D9KPT	9	-	•	•	•
MICRON	MT18JSF25672AZ-1G4F1	2GB	DS	MICRON	D9KPT(ECC)	9	-	•	•	•
OCZ	OC23RFX1333EB2GK	1GB	SS	-	-	-	-	•	•	•
OCZ	OC23RFX1333EB2GK	2GB(2 x 1GB)	SS	NANYA	-	6-5-5	1.85	•		
OCZ	OC23G1333LV3GK	3GB(3 x 1GB)	SS	-	-	9-9-9	1.65	•		
OCZ	OC23P1333LV3GK	3GB(3 x 1GB)	SS	-	-	7-7-7	1.65	•	•	•
OCZ	OC23G1333ULV4GK	4GB(2 x 2GB)	DS	-	-	8-8-8	1.65	•		
OCZ	OC23P13334GK	4GB(2 x 2GB)	DS	-	-	7	1.8	•	•	•
OCZ	OC23P1333LV4GK	4GB(2 x 2GB)	DS	-	-	7-7-7	1.65	•		
OCZ	OC23P1333LV6GK	6GB(3 x 2GB)	DS	-	-	7-7-7	1.65	•	•	•
OCZ	OC2X1333LV6GK(XMP)	6GB(3 x 2GB)	DS	NA	-	8-8-8	1.6	•	•	•
PSC	AL7F8G73D-DG1	1GB	SS	PSC	A3P1GF3DGF	-	-	•	•	•
PSC	AL8F8G73D-DG1	2GB	DS	PSC	A3P1GF3DGF	-	-	•	•	•
SAMSUNG	M378B2873DZ1-CH9	1GB	SS	SAMSUNG	K4B1G0846D	9	-	•	•	•
SAMSUNG	M378B2873EH1-CH9	1GB	SS	SAMSUNG	K4B1G0846E	-	-	•	•	•
SAMSUNG	M391B2873DZ1-CH9	1GB	SS	SAMSUNG	K4B1G0846D(ECC)	9	-	•	•	•
SAMSUNG	M378B5673DZ1-CH9	2GB	DS	SAMSUNG	K4B1G0846D	9	-	•	•	•
SAMSUNG	M391B5673DZ1-CH9	2GB	DS	SAMSUNG	K4B1G0846D(ECC)	9	-	•	•	•
SAMSUNG	M378B5273BH1-CH9	4GB	DS	SAMSUNG	K4B2G0846B-HCH9	9	-	•	•	•
Super Talent	W1333UX2G8(XMP)	2GB(2 x 1GB)	SS	-	-	8	1.8	•	•	•
Asint	SLY3128M8-EDJ	1GB	SS	Asint	DDRIII1208-DJ	-	-	•	•	•
Asint	SLY3128M8-EDJE	1GB	SS	ELPIDA	J1108BASE-DJ-E	-	-	•	•	•
Asint	SLZ3128M8-EDJ	2GB	DS	Asint	DDRIII1208-DJ	-	-	•	•	•
ASUS	N/A	1GB	DS	-	-	-	-	•	•	•
ATP	AQ28M64A8BJH9S	1GB	SS	SAMSUNG	K4B1G0846E	-	-	•	•	•
ATP	AQ28M72D8BJH9S	1GB	SS	SAMSUNG	K4B1G0846D(ECC)	-	-	•	•	•
ATP	AQ56M64B8BJH9S	2GB	DS	SAMSUNG	K4B1G0846D	-	-	•	•	•
ATP	AQ56M72E8BJH9S	2GB	DS	SAMSUNG	K4B1G0846D(ECC)	-	-	•	•	•
BUFFALO	FSX1333D3G-1G	1GB	SS	-	-	-	-	•	•	•
BUFFALO	FSH1333D3G-T3G(XMP)	3GB(3 x 1GB)	SS	-	-	7-7-7-20	-	•	•	•
EK Memory	EKM324L28BP8-113	4GB(2 x 2GB)	DS	-	-	9	-	•	•	•
Ellixir	M2Y2G64CB8HA9N-CG	2GB	DS	-	-	-	-	•	•	•
Ellixir	M2Y2G64CB8HC9N-CG	2GB	DS	-	-	-	-	•	•	•
Patriot	PDC32G1333LLK	1GB	SS	PATRIOT	-	7	1.7	•		
Patriot	PVT33G1333ELK	3GB(3 x 1GB)	SS	-	-	9-9-9-24	1.65	•		
Patriot	PVS34G1333LLK	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•
Patriot	PVT36G1333ELK	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	•		
Silicon Power	SP001GBLTU1333S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP001GBLTU1333S02	1GB	SS	S-POWER	I0YT3E0	9	-	•	•	•
Silicon Power	SP002GBLTU1333S02	2GB	DS	S-POWER	I0YT3E0	9	-	•	•	•



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2. When overclocking, some AMD CPU models may not support DDR3 1600 or higher frequency DIMMs.

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-15000CL9D-4GBRH (XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●		
G.SKILL	F3-15000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	●		
KINGSTON	KHX1866C9D3T1K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	1.65	●		
Crucial	BL12864BE2009.8SFB3(EPP)	1GB	SS	-	-	9-9-9-28	2	●		
G.SKILL	F3-16000CL9T-6GBPS(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●		
GEIL	GU34GB2000C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	2	●		
KINGSTON	KHX2000C9D3T1FK3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	1.65	●		
KINGSTON	KHX2000C9D3T1K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	1.65	●		
OCZ	OCZ3B2000LV6GK	6GB(3 x 2GB)	DS	-	-	7-8-7	1.65	●		
G.SKILL	F3-17066CL8D-4GBPS(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.65	●		
G.SKILL	F3-17066CL9T-6GB-T	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65	●		
GEIL	GE34GB2133C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65	●		
GEIL	GU34GB2133C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65	●		
KINGSTON	KHX2133C8D3T1K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65	●		
KINGSTON	KHX2133C9D3T1K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	1.65	●		

- 4 DIMM Slots
- **1 DIMM:** Supports one module inserted into A1 slot as Single-channel memory configuration

• **2 DIMM:** Supports one pair of modules inserted into either the blue slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM:** 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.

## M4A87TD EVO

### DDR3 2000(O.C.) Qualified Vendors List (QVL)

1. Due to CPU spec., AMD 100 and 200 series CPUs support up to DDR3 1066Mhz. With ASUS design, this motherboard can support up to DDR3 1333MHz.
2. When overclocking, some AMD CPU models may not support DDR3 1600 or higher frequency DIMMs.

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	TW3X4G2000C7GT ES ver2.1	4GB(2 x 2GB)	DS	-	-	7-8-7-20	2.1V	●		

- 4 DIMM Slots
- **1 DIMM:** Supports one module inserted into A1 slot as Single-channel memory configuration

• **2 DIMM:** Supports one pair of modules inserted into either the blue slots or the black slots as one pair of Dual-channel memory configuration

• **4 DIMM:** 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.