

M5A78L-M USB3

DDR3 1333 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	
A-Data	AD31333001GOU	1GB	SS	A-Data	AD30908C8D-151C E0906	-	-	●	●	●	
A-Data	AD31333G001GOU	3GB(3 x 1GB)	SS	-	-	8-8-8-24	1.65-1.85V	●	●	●	
A-Data	AD31333002GOU	2GB	DS	A-Data	AD30908C8D-151C E0903	-	-	●	●	●	
A-Data	AD31333G002GMU	2GB	DS	-	-	8-8-8-24	1.65-1.85V	●	●	●	
Apacer	78.A1GC6.9L1	2GB	DS	APACER	AM5D5808DEWSBG	-	-	●	●	●	
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	9	-	●	●	●	
CORSAIR	CM3X1024-1333C9	1GB	SS	-	-	9-9-9-24	1.60V	●	●	●	
CORSAIR	TWIN3X2048-1333C9DHX G	2GB(2 x 1GB)	SS	-	-	9-9-9-24	1.50V	●	●	●	
CORSAIR	TR3X3G1333C9 G	3GB(3 x 1GB)	SS	-	-	9-9-9-24	1.50V	●	●		
CORSAIR	TR3X3G1333C9 G	3GB(3 x 1GB)	SS	-	-	9-9-9-24	1.50V	●	●	●	
CORSAIR	CMD24GX3M6A1333C9(XMP)	24GB(6x4GB)	DS	-	-	9-9-9-24	1.60V	●	●		
CORSAIR	TW3X4G1333C9D G	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.50V	●	●	●	
CORSAIR	TW3X4G1333C9DHX G	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.50V	●	●	●	
CORSAIR	CMX8GX3M4A1333C9	8GB(4 x 2GB)	DS	-	-	9-9-9-24	1.50V	●	●		
Crucial	CT12864BA1339.8FF	1GB	SS	Micron	9FF22D9KPT	9	-	●	●	●	
Crucial	CT12872BA1339.9FF	1GB	SS	Micron	91F22D9KPT(ECC)	9	-	●	●	●	
Crucial	CT25664BA1339.16FF	2GB	DS	Micron	9KF27D9KPT	9	-	●	●	●	
Crucial	CT25672BA1339.18FF	2GB	DS	Micron	91F22D9KPT(ECC)	9	-	●	●	●	
Crucial	BL25664BN1337.16FF (XMP)	6GB(3 x 2GB)	DS	-	-	7-7-7-24	1.65V	●	●	●	
ELPIDA	EBJ10UE8EDF0-DJ-F	1GB	SS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●	●	
ELPIDA	EBJ21UE8EDF0-DJ-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●		
G.SKILL	F3-10600CL8D-2GBHK(XMP)	1GB	SS	G.SKILL	-	-	-	●	●	●	
G.SKILL	F3-10666CL7T-3GBPK(XMP)	3GB(3 x 1GB)	SS	-	-	7-7-7-18	1.5~1.6V	●	●	●	
G.SKILL	F3-10600CL9D-2GBNQ	1GB	DS	G.SKILL	-	-	-				
G.SKILL	F3-10666CL8D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-8-24	XMP 1.35V	●	●	●	
G.SKILL	F3-10666CL7T-6GBPK(XMP)	6GB(3 x 2GB)	DS	-	-	7-7-7-18	1.5~1.6V	●	●	●	
G.SKILL	F3-10666CL7D-8GBRH(XMP)	8GB(2 x 4GB)	DS	-	-	7-7-7-21	1.5V	●	●		
GEIL	GET316GB1333C9QC	16GB ( 4x 4GB )	DS	-	-	9-9-9-24	1.5V	●	●		
GEIL	GV32GB1333C9DC	2GB(2 x 1GB)	DS	-	-	9-9-9-24	1.5V	●	●	●	
GEIL	GV34GB1333C9DC	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V	●	●	●	
Hynix	HMT112U6TFR8A-H9	1GB	SS	HYNIX	H5TC1G83TFRH9A	-	1.35V(low voltage)	●	●	●	
HYNIX	HMT325U6BFR8C-H9	2GB	SS	HYNIX	H5TQ2G83BFRH9C	-	-	●	●	●	
Hynix	HMT125U6TFR8A-H9	2GB	DS	HYNIX	H5TC1G83TFRH9A	-	1.35V(low voltage)	●	●	●	
HYNIX	HMT351U6BFR8C-H9	4GB	DS	HYNIX	H5TQ2G83BFRH9C	-	-	●	●	●	
KINGMAX	FLFD45F-B8KL9 NAES	1GB	SS	KINGMAX	KKB8FNWBFGNX-27A	-	-	●	●	●	
KINGMAX	FLFE85F-C8KF9 CAES	2GB	SS	KINGMAX	KFC8FMFXF-DXX-15A	-	-	●	●	●	
KINGMAX	FLFE85F-C8KM9 NAES	2GB	SS	KINGMAX	KFC8FNMXF-BXX-15A	-	-	●	●		
KINGMAX	FLFE85F-B8KL9 NEES	2GB	DS	KINGMAX	KKB8FNWBFGNX-26A	-	-	●	●	●	
KINGMAX	FLFF65F-C8KM9 NEES	4GB	DS	KINGMAX	KFC8FNMXF-BXX-15A	-	-	●	●	●	
Kingston	KVR1333D3N9/1G	1GB	SS	ELPIDA	J1108BDBG-DJ-F	9	1.5V	●	●		
KINGSTON	KVR1333D3N9/2G(矮版)	2GB	SS	HYNIX	H5TQ2G83AFRH9C	9	-	●	●	●	
KINGSTON	KVR1333D3N9/2G(矮版)	2GB	DS	ELPIDA	J1108BDBG-DJ-F	9	1.5V	●	●		
Kingston	KVR1333D3N9/2G	2GB	DS	KTC	D1288JPNDPLD9U	9	1.5V	●	●	●	
Kingston	KVR1333D3N9/2G	2GB	DS	ELPIDA	J1108BDSE-DJ-F	9	1.5V	●	●	●	
Kingston	KHX1333C7D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	7	1.65V	●	●	●	
Kingston	KHX1333C9D3UK2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	XMP 1.25V	●	●	●	
KINGSTON	KVR1333D3N9/4G(矮版)	4GB	DS	HYNIX	H5TQ2G83AFRH9C	9	1.5V	●	●		
KINGSTON	KVR1333D3N9/4G	4GB	DS	Hynix	H5TQ2G83AFR	-	-	●	●	●	●
MICRON	MT4JTF12864AZ-1G4D1	1GB	SS	MICRON	OJD12D9LGQ	-	-	●	●	●	
Micron	MT8JTF12864AZ-1G4F1	1GB	SS	Micron	9FF22D9KPT	9	-	●	●	●	
Micron	MT9JSF12872AZ-1G4F1	1GB	SS	Micron	91F22D9KPT(ECC)	9	-	●	●	●	
MICRON	MT8JTF25664AZ-1G4D1	2GB	SS	MICRON	OJD12D9LGK	-	-	●	●	●	
Micron	MT16JTF25664AZ-1G4F1	2GB	DS	Micron	9KF27D9KPT	9	-	●	●	●	
Micron	MT18JSF25672AZ-1G4F1	2GB	DS	Micron	91F22D9KPT(ECC)	9	-	●	●	●	
MICRON	MT16JTF51264AZ-1G4D1	4GB	DS	MICRON	OLD22D9LGK	-	-	●	●	●	
OCZ	OCZ3F13334GK	4GB(2 x 2GB)	DS	-	-	9-9-9-20	1.7V	●	●		
OCZ	OCZ3G1333LV4GK	4GB(2 x 2GB)	DS	-	-	9-9-9-20	1.65V	●	●		

OCZ	OCZ3P1333LV4GK	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.65V	●	●	●
OCZ	OCZ3X13334GK(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.75V	●	●	●
OCZ	OCZ3G1333LV6GK	6GB(3 x 2GB)	DS	-	-	9-9-9-20	1.65V	●	●	
OCZ	OCZ3P1333LV6GK	6GB(3 x 2GB)	DS	-	-	7-7-7-20	1.65V	●	●	
OCZ	OCZ3X1333LV6GK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-20	1.60V	●	●	●
OCZ	OCZ3G1333LV8GK	8GB ( 2x 4GB )	DS	-	-	9-9-9-20	1.65V			
OCZ	OCZ3RPR1333C9LV8GK	8GB ( 2x 4GB )	DS	-	-	9-9-9-20	1.65V	●		
PSC	AL7F8G73D-DG1	1GB	SS	PSC	A3P1GF3DGF	8-8-8-24	1.5V	●	●	●
PSC	AL7F8G73F-DJ2	1GB	SS	PSC	A3P1GF3FGF	-	-	●	●	●
PSC	AL8F8G73D-DG1	2GB	DS	PSC	A3P1GF3DGF	8-8-8-24	1.5V	●	●	
PSC	AL8F8G73F-DJ2	2GB	DS	PSC	A3P1GF3FGF	-	-	●	●	●
SAMSUNG	M378B2873FHS-CH9	1GB	SS	SAMSUNG	K4B1G0846F	-	-	●	●	
SAMSUNG	M391B2873DZ1-CH9	1GB	SS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	●	●	●
SAMSUNG	M378B5673FH0-CH9	2GB	DS	SAMSUNG	K4B1G0846F	-	-	●	●	
SAMSUNG	M391B5673DZ1-CH9	2GB	DS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	●	●	●
SAMSUNG	M378B5273CH0-CH9	4GB	DS	SAMSUNG	K4B2G0846C	-	-	●	●	
Super Talent	W1333UA1GH	1GB	SS	HYNIX	H5TQ1G83TFR	9	-	●	●	●
Super	W1333X2G8(XMP)	1GB	SS	-	-	8	-	●	●	●
Super	W1333UB2GS	2GB	DS	Samsung	K4B1G0846F	9	-	●	●	●
Super	W1333UB4GS	4GB	DS	Samsung	K4B2G0846C	-	-	●	●	●
Super Talent	W1333UX6GM	6GB(3x 2GB)	DS	Micron	0BF27D9KPT	9-9-9-24	1.5V	●	●	●
Transcend	TS256MLK64V3U	2GB	DS	Micron	9GF27D9KPT	-	-	●	●	
Century	PC3-10600 DDR3-1333 9-9-9	1GB	SS	Micron	8FD22D9JNM	-	-	●	●	
Century	PC3-10600 DDR3-1333 9-9-9	2GB	DS	Micron	8DD22D9JNM	-	-	●	●	●
Elixir	M2F2G64CB88B7N-CG	2GB	SS	Elixir	N2CB2G80BN-CG	-	-	●	●	●
Elixir	M2Y2G64CB8HA9N-CG	2GB	DS	-	-	7-7-7-20	-	●	●	●
Elixir	M2Y2G64CB8HC9N-CG	2GB	DS	Elixir	-	-	-	●	●	●
Elixir	M2F4G64CB8HB5N-CG	4GB	DS	Elixir	N2CB2G80BN-CG	-	-	●	●	
KINGSHARK	KSRPCD313332G	2GB	DS	PATRIOT	PM128M8D385-15	-	-	●	●	●
Kingtiger	2GB DIMM PC3-10666	2GB	DS	Samsung	SEC 904 HCH9 K4B1G0846D	-	-	●	●	●
Kingtiger	KTG2G1333PG3	2GB	DS	-	-	-	-	●	●	●
PATRIOT	PSD31G13332H	1GB	DS	-	-	9	-	●	●	
PATRIOT	PSD31G13332	1GB	DS	Patriot	PM64M8D38U-15	-	-	●	●	
PATRIOT	PSD32G13332H	2GB	DS	-	-	-	-	●	●	●
PATRIOT	PDC34G1333ELK	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V			
RAMAXEL	RMR1870ED48E8F-1333	2GB	DS	ELPIDA	J1108BDBG-DJ-F	-	-	●	●	●
SILICON POWER	SP001GBLTU133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	9	-	●	●	●
SILICON POWER	SP001GBLTU133S02	1GB	SS	elixir	N2CB1680AN-C6	9	-	●	●	●
SILICON POWER	SP002GBLTU133S02	2GB	DS	elixir	N2CB1680AN-C6	9	-	●	●	●
TAKEMS	TMS1GB364D081-107EY	1GB	SS	-	-	7-7-7-20	1.5V	●	●	●
TAKEMS	TMS1GB364D081-138EY	1GB	SS	-	-	8-8-8-24	1.5V	●	●	
TAKEMS	TMS2GB364D081-107EY	2GB	DS	-	-	7-7-7-20	1.5V	●	●	
TAKEMS	TMS2GB364D081-138EY	2GB	DS	-	-	8-8-8-24	1.5V	●	●	●
TAKEMS	TMS2GB364D082-138EW	2GB	DS	-	-	8-8-8-24	1.5V	●	●	●
UMAX	E41302GP0-73BDB	2GB	DS	UMAX	U2S24D30TP-13	-	-	●	●	
V-Color	TD2G16C9-Z8	2GB	DS	HYNIX	H5TQ1G83AFP	-	-	●	●	●
WINTec	3WVS31333-2G-CNR	2GB	DS	AMPO	AM3420803-13H	-	-	●	●	●

- 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.