

Qualified Vendors List (QVL) for M4A88TD Series

Memory modules listed below are for reference only. Due to massive memory models on the market, we can only verify some of them. 下列表格中的記憶體模組僅供參考，因市面上的記憶體模組眾多，我們無法一一驗證。

DDR3 1066 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
Crucial	CT12864BA1067.8FF	1024MB	SS	Micron	9GF22D9KPT	7	-	●	●	●
Crucial	CT12872BA1067.9FF	1024MB	SS	Micron	9HF22D9KPT(ECC)	7	-	●	●	●
Crucial	CT25664BA1067.16FF	2048MB	DS	Micron	9HF22D9KPT	7	-	●	●	●
Crucial	CT25672BA1067.18FF	2048MB	DS	Micron	9GF22D9KPT(ECC)	7	-	●	●	●
ELPIDA	EBJ51UD8BAFA-AC-E	512MB	SS	Elpida	J5308BASE-AC-E	-	-	●	●	●
ELPIDA	EBJ51UD8BAFA-AE-E	512MB	SS	Elpida	J5308BASE-AC-E	-	-	●	●	●
ELPIDA	EBJ21UE8EDF0-AE-F	2048MB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●	●
KINGSTON	KVR1066D3N7/1G	1024MB	SS	Kingston	D1288JEKAPGA7U	7	1.5V	●	●	●
KINGSTON	KVR1066D3N7/2G	2048MB	DS	Kingston	D1288JEKAPGA7U	7	1.5V	●	●	●
Micron	MT8JTF12864AZ-1G1F1	1024MB	SS	Micron	9GF22D9KPT	7	-	●	●	●
Micron	MT9JSF12872AZ-1G1F1	1024MB	SS	Micron	9HF22D9KPT(ECC)	7	-	●	●	●
Micron	MT16JTF25664AZ-1G1F1	2048MB	DS	Micron	9HF22D9KPT	7	-	●	●	●
Micron	MT18JSF25672AZ-1G1F1	2048MB	DS	Micron	9GF22D9KPT(ECC)	7	-	●	●	●
SAMSUNG	M378B2873EH1-CF8	1024MB	SS	Samsung	SEC 901 HCF8 K4B1G0846E	-	-	●	●	●
Elixir	M2Y2G64CB8HC5N-BE	2048MB	DS	Elixir	N2CB1G80CN-BE	-	-	●	●	●
Elixir	M2Y2G64CBHA9N-BE	2048MB	DS	-	-	7-7-7-20	-	●	●	●
Elixir	M2Y2G64CBHC9N-BE	2048MB	DS	Elixir	-	-	-	●	●	●
Kingtiger	2GB DIMM PC3-8500	2048MB	DS	Hynix	H5TQ1G83AFP G7C	-	-	●	●	

DDR3 1333 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
A-Data	AD31333001GOU	1024MB	SS	A-Data	AD30908C8D-151C E0906	-	-	●	●	●
A-Data	AD31333G001GOU	3072MB(Kit of 3)	SS	-	-	8-8-8-24	1.65-1.85V	●	●	●
A-Data	AD31333002GOU	2048MB	DS	A-Data	AD30908C8D-151C E0903	-	-	●	●	●
A-Data	AD31333G002GMU	2048MB	DS	-	-	8-8-8-24	1.65-1.85V	●	●	●
Apacer	78.A1GC6.9L1	2048MB	DS	APACER	AM5D5808DEWSBG	-	-	●	●	●
CORSAIR	CM3X1024-1333C9DHX	1024MB	SS	-	-	9-9-9-24	1.60V	●	●	
CORSAIR	CM3X1024-1333C9	1024MB	SS	-	-	9-9-9-24	1.60V	●	●	●
CORSAIR	TR3X3G1333C9 G	3072MB(Kit of 3)	SS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	TR3X3G1333C9 G	3072MB(Kit of 3)	SS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	TR3X3G1333C9	3072MB(Kit of 3)	SS	-	-	9	1.5V	●	●	●
CORSAIR	CM3X1024-1333C9DHX	1024MB	DS	Corsair	-	-	-	●	●	
CORSAIR	CM3X2048-1333C9DHX	2048MB	DS	-	-	-	-	●	●	
CORSAIR	TW3X4G1333C9 G	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	CMX8GX3M4A1333C9	8192MB(Kit of 4)	DS	-	-	9-9-9-24	1.50V	●	●	●
Crucial	CT12864BA1339.8FF	1024MB	SS	Micron	9FF22D9KPT	9	-	●	●	●
Crucial	CT12872BA1339.9FF	1024MB	SS	Micron	91F22D9KPT(ECC)	9	-	●	●	●
Crucial	BL12864TA1336.8SFB1	2048MB(Kit of 2)	SS	-	-	6-6-6-20	1.8V	●	●	●
Crucial	CT25664BA1339.16FF	2048MB	DS	Micron	9KF27D9KPT	9	-	●	●	●
Crucial	CT25672BA1339.18FF	2048MB	DS	Micron	91F22D9KPT(ECC)	9	-	●	●	●
Crucial	BL25664ABA1336.16SFB1	4096MB(Kit of 2)	DS	-	-	6-6-6-20	1.8V	●	●	
Crucial	BL25664BA1336.16SFB1	4096MB(Kit of 2)	DS	-	-	6-6-6-20	1.8V	●	●	
Crucial	BL25664BN1337.16FF (XMP)	6144MB(Kit of 3)	DS	-	-	7-7-7-24	1.65V	●	●	●
ELPIDA	EBJ10UE8EDF0-DJ-F	1024MB	SS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●	●
ELPIDA	EBJ21UE8EDF0-DJ-F	2048MB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●	
G.SKILL	F3-10600CL7D-2GBPI(XMP)	1024MB	SS	G.SKILL	-	-	-	●	●	●
G.SKILL	F3-10600CL8D-2GBHK	1024MB	SS	G.SKILL	-	-	-	●	●	●
G.SKILL	F3-10600CL9D-2GBPK	1024MB	SS	G.SKILL	-	-	-	●	●	●
G.SKILL	F3-10666CL7T-3GBPK	3072MB(Kit of 3)	SS	-	-	7-7-7-18	1.5~1.6V	●	●	●
G.SKILL	F3-10666CL9T-3GBNQ	3072MB(Kit of 3)	SS	-	-	9-9-9-24	1.5~1.6V	●	●	●
G.SKILL	F3-10600CL9D-2GBNQ	1024MB	DS	G.SKILL	-	-	-	●	●	●
G.SKILL	F3-10666CL8D-4GBECO(XMP)	4096MB(Kit of 2)	DS	-	-	8-8-8-8-24	1.35V(low voltage)	●	●	
G.SKILL	F3-10666CL8D-4GBHK(XMP)	4096MB(Kit of 2)	DS	-	-	8-8-8-21	1.5-1.6V	●	●	
G.SKILL	F3-10666CL7T-6GBPK(XMP)	6144MB(Kit of 3)	DS	-	-	7-7-7-18	1.5~1.6V	●	●	●
G.SKILL	F3-10666CL9T-6GBNQ	6144MB(Kit of 3)	DS	-	-	9-9-9-24	1.5V~1.6V	●	●	
GEIL	GV32GB1333C9DC	1024MB	SS	-	-	9	-	●	●	●
GEIL	GV34GB1333C7DC	2048MB	DS	-	-	7-7-7-24	1.5V	●	●	
GEIL	GG34GB1333C9DC	4096MB(Kit of 2)	DS	GEIL	GL1L128M88BA12N	9-9-9-24	1.3V(low voltage)	●	●	●
GEIL	GV32GB1333C9SC	6144MB(Kit of 3)	DS	-	-	9	1.5V	●	●	●
Kingmax	FLFD45F-B8MF9	1024MB	SS	Micron	8HD22D9JNM	-	-		●	●
Kingmax	FLFD45F-B8MH9 MAES	1024MB	SS	Micron	9CF22D9KPT	-	-	●	●	●
Kingmax	FLFE85F-B8MH9 MEES	2048MB	DS	Micron	9GF27D9KPT	-	-	●	●	●
KINGSTON	KVR1333D3N9/1G	1024MB	SS	KTC	D1288JELDPGD9U	-	-	●	●	●
KINGSTON	KVR1333D3N9/2G	2048MB	DS	Qimonda	IDSH1G-03A1F1C-13H	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/4G	4096MB	DS	Hynix	H5TQ2G83AFR	-	-	●	●	●
Micron	MT8JTF12864AZ-1G4F1	1024MB	SS	Micron	9FF22D9KPT	9	-	●	●	●
Micron	MT9JSF 12872AZ-1G4F1	1024MB	SS	Micron	91F22D9KPT(ECC)	9	-	●	●	●
Micron	MT16JTF25664AZ-1G4F1	2048MB	DS	Micron	9KF27D9KPT	9	-	●	●	●
Micron	MT18JSF25672AZ-1G4F1	2048MB	DS	Micron	91F22D9KPT(ECC)	9	-	●	●	●

OCZ	OCZ3X1333LV3GK(XMP)	3072MB(Kit of 3)	SS	-	-	-	1.6V	•	•	•
OCZ	OCZ3P1333LV4GK	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.65V	•	•	
OCZ	OCZ3P1333LV4GK	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.65V	•	•	•
OCZ	OCZ3RPX1333EB4GK	4096MB(Kit of 2)	DS	-	-	6-5-5-20	1.85V	•	•	
OCZ	OCZ3X13334GK(XMP)	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.75V	•	•	•
OCZ	OCZ3G1333LV6GK	6144MB(Kit of 3)	DS	-	-	9-9-9-20	1.65V	•	•	•
OCZ	OCZ3P1333LV6GK	6144MB(Kit of 3)	DS	-	-	7-7-7-20	1.65V	•	•	
OCZ	OCZ3X1333LV6GK(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-20	1.60V	•	•	•
PSC	AL7F8G73D-DG1	1024MB	SS	PSC	A3P1GF3DGF928M9B05	8-8-8-24	1.5V	•	•	•
PSC	AL8F8G73D-DG1	2048MB	DS	PSC	A3P1GF3DGF928M9B05	8-8-8-24	1.5V	•	•	•
SAMSUNG	M378B2873DZ1-CH9	1024MB	SS	Samsung	K4B1G0846D-HCH9	-	-	•	•	
SAMSUNG	M378B2873DZ1-CH9	1024MB	SS	SAMSUNG	SEC 846 HCH9 K4B1G08460	-	-	•	•	•
SAMSUNG	M378B2873EH1-CH9	1024MB	SS	Samsung	SEC 913 HCH9 K4B1G0846E	-	-	•	•	•
SAMSUNG	M391B2873DZ1-CH9	1024MB	SS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	•	•	•
SAMSUNG	M378B5673DZ1-CH9	2048MB	DS	Samsung	K4B1G0846D-HCH9	-	-	•	•	•
SAMSUNG	M378B5673EH1-CH9	2048MB	DS	Samsung	SEC 913 HCH9 K4B1G0846E	-	-	•	•	•
SAMSUNG	M391B5673DZ1-CH9	2048MB	DS	Samsung	K4B1G0846D-HCH9(ECC)	-	-	•	•	•
Super	W1333X2GB8(XMP)	1024MB	SS	-	-	-	-	•	•	•
Transcend	TS256MLK64V3U	2048MB	DS	Micron	9GF27D9KPT	-	-	•	•	•
ASINT	SLY3128M8-EDJ	1024MB	SS	ASINT	DDRII1208-DJ 0844	-	-	•	•	•
ASINT	SLY3128M8-EDJE	1024MB	SS	ELPIDA	J1108BASE-DJ-E	-	-	•	•	•
ASINT	SLY3128M8-EDJ	2048MB	DS	ASINT	DDRII1208-DJ 0844	-	-	•	•	•
ASINT	SLZ3128M8-EDJE	2048MB	DS	ELPIDA	J1108BASE-DJ-E	-	-	•	•	•
BUFFALO	FSX1333D3G-K2G	1024MB	SS	-	-	7-7-7-20	-	•	•	•
BUFFALO	FSX1333D3G-2G	2048MB	DS	-	-	7-7-7-20	-	•	•	•
Century	PC3-10600 DDR3-1333 9-9-9	1024MB	SS	Micron	8FD22D9JNM	-	-	•	•	
Century	PC3-10600 DDR3-1333 9-9-9	2048MB	DS	Micron	8DD22D9JNM	-	-		•	•
Elixir	M2Y2G64CB8HA9N-CG	2048MB	DS	-	-	7-7-7-20	-	•	•	•
Elixir	M2Y2G64CB8HC9N-CG	2048MB	DS	Elixir	-	-	-	•	•	•
Kingtiger	2GB DIMM PC3-10666	2048MB	DS	Samsung	SEC 904 HCH9 K4B1G0846D	-	-	•	•	•
Kingtiger	KTG2G1333PG3	2048MB	DS	-	-	-	-	•	•	•
PATRIOT	PSD31G13332H	1024MB	DS	-	-	9	-	•	•	•
PATRIOT	PSD31G13332	1024MB	DS	Patriot	PM64M8D38U-15	-	-	•	•	•
PATRIOT	PSD32G13332H	2048MB	DS	-	-	-	-	•	•	•
PATRIOT	PDC34G1333ELK	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.5V			•
SILICON POWER	SP001GBLTU133S01	1024MB	SS	NANYA	NT5CB128M8AN-CG	9	-	•	•	•
SILICON POWER	SP001GBLTU133S02	1024MB	SS	elixir	N2CB1680AN-C6	9	-	•	•	•
SILICON POWER	SP002GBLTU133S02	2048MB	DS	elixir	N2CB1680AN-C6	9	-	•	•	•
TAKEMS	TMS1GB364D081-107EY	1024MB	SS	-	-	7-7-7-20	1.5V	•	•	•
TAKEMS	TMS1GB364D081-138EY	1024MB	SS	-	-	8-8-8-24	1.5V	•	•	•
TAKEMS	TMS2GB364D081-107EY	2048MB	DS	-	-	7-7-7-20	1.5V	•	•	•
TAKEMS	TMS2GB364D081-138EY	2048MB	DS	-	-	8-8-8-24	1.5V	•	•	•
TAKEMS	TMS2GB364D082-138EW	2048MB	DS	-	-	8-8-8-24	1.5V	•	•	•
UMAX	E41302GP0-73BDB	2048MB	DS	UMAX	U2S24D30TP-13	-	-	•	•	•

DDR3 1600 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
A-Data	AD31600E001GM(O)U3K	3072MB(Kit of 3)	SS	-	-	8-8-8-24	1.65V-1.85V	•	•	•
A-Data	AD31600X002GMU(XMP)	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.75-1.85V	•	•	•
CORSAIR	TR3X3G1600C8D(XMP)	3072MB(Kit of 3)	SS	-	-	8-8-8-24	1.65V	•	•	•
CORSAIR	CMX4GX3M2A1600C9(XMP)	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.65V	•	•	
CORSAIR	CMX4GX3M2A1600C9(XMP)	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.65V	•	•	•
CORSAIR	TR3X6G1600C8 G(XMP)	6144MB(Kit of 3)	DS	-	-	-	-	•	•	•
CORSAIR	TR3X6G1600C8D G(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-24	1.65V	•	•	
CORSAIR	TR3X6G1600C9 G(XMP)	6144MB(Kit of 3)	DS	-	-	9-9-9-24	1.65V	•	•	•
CORSAIR	TR3X6G1600C8D G(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-24	1.65V	•	•	•
CORSAIR	CMX8GX3M4A1600C9(XMP)	8192MB(Kit of 4)	DS	-	-	9-9-9-24	1.65V	•	•	•
Crucial	BL12864BA1608.8SFB(XMP)	3072MB(Kit of 3)	SS	-	-	8-8-8-24	1.8V	•	•	•
Crucial	BL12864BE2009.8SFB3(EPP)	3072MB(Kit of 3)	SS	-	-	9-9-9-28	2.0V	•	•	•
Crucial	BL25664BN1608.16FF(XMP)	6144MB(Kit of 3)	DS	-	-	-	-	•	•	
Crucial	BL25664TB1608.K16SF(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-24	-	•	•	•
Crucial	BL25664TG1608.K16SF(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-24	-	•	•	•
Crucial	BL25664TR1608.K16SF(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-24	-	•	•	•
G.SKILL	F3-12800CL9D-2GBNQ(XMP)	2048MB(Kit of 2)	SS	-	-	9-9-9-24	1.5V~1.6V	•	•	•
G.SKILL	F3-12800CL7D-4GBECO(XMP)	4096MB(Kit of 2)	DS	-	-	7-8-7-24	1.35V(low voltage)	•	•	•
G.SKILL	F3-12800CL8D-4GBRM(XMP)	4096MB(Kit of 2)	DS	-	-	8-8-8-24	1.60V	•	•	•
G.SKILL	F3-12800CL9D-4GBECO(XMP)	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.35V(low voltage)	•	•	•
G.SkiLL	F3-12800CL8T-6GBPI(XMP)	6144MB(Kit of 3)	DS	-	-	8-8-8-21	1.6-1.65V	•		

G.SKILL	F3-12800CL9T-6GBNQ(XMP)	6144MB(Kit of 3)	DS	-	-	9-9-9-24	1.5V~1.6V	●	●	●
Kingmax	FLGD45F-B8KG9(XMP)	1024MB	SS	Kingmax	KFB8FNGXF-ANX-12A	-	-	●	●	●
Kingmax	FLGD45F-B8MF7 MAEH(XMP)	1024MB	SS	-	-	7	-	●	●	●
Kingmax	FLGE85F-B8KG9(XMP)	2048MB	DS	Kingmax	KFB8FNGXF-ANX-12A	-	-	●	●	●
Kingmax	FLGE85F-B8MF7 MEEH(XMP)	2048MB	DS	-	-	7	-	●	●	
KINGSTON	KHX1600C8D3K2/4GX(XMP)	4096MB(Kit of 2)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX1600C8D3T1K2/4GX(XMP)	4096MB(Kit of 2)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX1600C9D3K2/4G	4096MB(kit of 2)	DS	-	-	-	1.7-1.9V	●	●	●
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6144MB(Kit of 3)	DS	-	-	-	1.65V	●	●	●
OCZ	OCZ3G1600LV3GK	3072MB(Kit of 3)	SS	-	-	8-8-8-24	1.65V	●	●	
OCZ	OCZ3BE1600C8LV4GK	4096MB(Kit of 2)	DS	-	-	8-8-8-24	1.65V	●	●	●
OCZ	OCZ3BE1600LV4GK	4096MB(Kit of 2)	DS	-	-	7-7-7-24	1.65V	●	●	
OCZ	OCZ3OB1600LV4GK	4096MB(Kit of 2)	DS	-	-	-	1.65V	●	●	●
OCZ	OCZ3P1600LV4GK	4096MB(Kit of 2)	DS	-	-	7-7-7-24	1.65V	●	●	●
OCZ	OCZ3G1600LV6GK	6144MB(Kit of 3)	DS	-	-	8-8-8-24	1.65V	●	●	●
Super Talent	WA160UX6G9	6144MB(Kit of 3)	DS	-	-	9	-	●	●	●
Elixir	M2Y2G64CB8HA9N-DG(XMP)	2048MB	DS	-	-	-	-	●	●	●
Kingtiger	KTG2G1600PG3	2048MB	DS	-	-	-	-	●	●	●
Mushkin	996657(XMP)	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.95V	●	●	●
Mushkin	998659(XMP)	6144MB(Kit of 3)	DS	-	-	9-9-9-24	1.5~1.6V	●	●	
Mushkin	998659(XMP)	6144MB(Kit of 3)	DS	-	-	9-9-9-24	-	●	●	●
PATRIOT	PGS34G1600LLKA	4096MB(Kit of 2)	DS	-	-	7-7-7-20	1.7V	●	●	●

DDR3 1800 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
OCZ	OCZ3P18004GK	4096MB(Kit of 2)	DS	-	-	8-8-8-27	1.9V	●	●	
OCZ	QCZ3P18004GK	4096MB(Kit of 2)	DS	-	-	8-8-8-27	1.9V	●	●	

DDR3 1866 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMG6GX3M3A1866C7(XMP)	6144MB(Kit of 3)	DS	-	-	7-8-7-20	1.65V	●	●	
KINGSTON	KHX1866C9D3T1K3/6GX(XMP)	6144MB(Kit of 3)	DS	-	-	-	1.65V	●	●	
OCZ	OCZ3P1866LV4GK	4096MB(Kit of 2)	DS	-	-	9-9-9-27	1.65V	●	●	
OCZ	OCZ3P1866C9LV6GK	6144MB(Kit of 3)	DS	-	-	9-9-9-28	1.65V	●	●	

DDR3 2000 Qualified Vendors List (QVL)										
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
KINGSTON	KHX2000C8D3T1K3/3GX(XMP)	3072MB(kit of 3)	SS	-	-	-	1.65V	●		
KINGSTON	KHX2000C9D3T1K3/3GX(XMP)	3072MB(kit of 3)	SS	-	-	-	1.65V	●		
KINGSTON	KHX2000C8D3T1K3/6GX(XMP)	6144MB(Kit of 3)	DS	-	-	-	1.65V	●		
Transcend	TX2000KLU-4GK(XMP)	4096MB(Kit of 2)	DS	-	-	9-9-9-24	1.65V	●		

- 4 Dimm :
- A*: Supports one module inserted into A1 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

- note:
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.
 3. 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.
 4. It is recommended to install the memory modules on the blue slots for better overclocking capability.
 5. 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.