

## Qualified Vendors List (QVL)

Memory modules listed below are for reference only. Due to massive memory models on the market, we can only verify some of them  
 以下所列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

### GA-EX58-UD3R Rev1.6

XMP DDR3 2100 (One DIMM Per Channel Only) <sup>Note1</sup>								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel <sup>Note2</sup>	Triple channel <sup>Note3</sup>
KET20B1	1GB	Kingston	KHX16000D3K3/3GX	SS		STR fail	v	3PCS
XMP DDR3 1866 (One DIMM Per Channel Only)								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
KET186B1	1GB	Kingston	KHX14900D3K3/3GX	SS			v	3PCS
XMP DDR3 1800 (One DIMM Per Channel Only)								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
KET18B2	1GB	Kingston	KHX14400D3/1G	SS			v	3PCS
KET18B3	1GB	Kingston	KHX14400D3K3/3GX	SS			v	3PCS
TET18B1	1GB	Transcend	TX1800KLU-2GK	SS			v	3PCS
XMP DDR3 1600 (One DIMM Per Channel Only)								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
AET16B1	1GB	A-DATA	AD31600X001GM	SS			v	3PCS
AET16C1	2GB	A-DATA	AD31600X002GM	DS			v	3PCS
AET16C2	2GB	A-DATA	AD31600G002GM	DS			v	3PCS
A16C1	1GB	A-DATA	AD31600E001GM	SS			v	3PCS
APET16B1	1GB	Apacer	78.0AGCA.BN0	SS			v	3PCS
APET16C1	2GB	Apacer	78.AAGCA.BN1	DS			v	3PCS
ANET16C1	2GB	AENEON	AXH860UD20-16H	DS			v	3PCS
CET16B1	1GB	CORSAIR	CM3X1024-1600C7DHXIN	SS			v	3PCS
KMET16C1	2GB	KingMax	FLGE85F-B8MF7	DS			v	3PCS

KET16B1	1GB	Kingston	KHX13000D3LLK2/2GX	SS			v	3PCS
OET16B1	1GB	OCZ	OCZ3P1600EB2GK	SS			v	3PCS
QET16B1	1GB	Qimonda	IMNH1GU13A1F1C-XPB	DS			v	3PCS
DDR3 2000 (One DIMM Per Channel Only)								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
CR20B1	1GB	Crucial	BL12864BE2009.8SFB3	SS			v	3PCS
DDR3 1333								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
	1GB	A-DATA	M3OSSLH313121ED5Z	SS			v	3PCS
A13B1	1GB	A-DATA	M3OAD6H3I3120F1C53	SS	A-DATA	AD30908C8D-151G	v	3PCS
A13C1	2GB	A-DATA	M3OAD6H3J4130F1C53	DS	A-DATA	AD30908C8D-151G	v	3PCS
AP13B1	1GB	Apacer	78.01GC8.422	SS	Elpida	J1108BABG-DJ-E	v	3PCS
AP13C1	2GB	Apacer	78.A1GC6.421	DS	Elpida	J1108BABG-DJ-E	v	3PCS
AN13C1	2GB	AENEON	AEH860UD00-13H	DS	AENEON	AEH03R13H	v	3PCS
C13B1	1GB	CORSAIR	CM3X1024-1333C9DHX	DS			v	3PCS
EX13C1	2GB	elixir	M2F2G64CB8HA4N-CG	DS	elixir	N2CB1G80AN-CG	v	3PCS
G13B1	1GB	GEIL	GV32GB1333C7DC	SS			v	3PCS
GS13C1	2GB	G.SKILL	F3-10666CL8D-4GBHK	DS			v	3PCS
K13B3	1GB	Kingston	KVR1333D3N9/1G	SS	Elpida	J1108BASE-DJ-E	v	3PCS
K13C1	2GB	Kingston	KVR1333D3N9/2G	DS	Elpida	J1108BASE-DJ-E	v	3PCS
KM13B1	1GB	KingMax	FLFD45F-B8MF9	SS	Micro	8ED22D9JNM	v	3PCS
KM13B2	1GB	KingMax	FLFD45F-B8EE9	SS	Elpida	J1108BASE-DJ-E	v	3PCS
N13B1	1GB	Nanya	NT1GC64B88A0NF-CG	SS	Nanya	NT5C8128M8AN-CG	v	3PCS
N13C1	2GB	Nanya	NT2GC64B8HA0NF-CG	DS	Nanya	NT5C8128M8AN-CG	v	3PCS
NE13B1	1GB	Nanya	NT1GC72B89A0NF-CF	SS	Nanya	NT5CB128H8AN-CF	v	3PCS
NP13C1	2GB	NCP	ELPH8AUDR-13M88	DS	Elpida	J1108BASE-DJ-E	v	3PCS
M13C1	2GB	Micro	MT16JTF25664AY	DS	Micro	8HD22D9JNM	v	3PCS
O13A1	512MB	OCZ	OCZ3P13331GK	SS			v	
O13C1	2GB	OCI	04902G16DJ9U4A	DS			v	3PCS

P13B1	1GB	PQI	MFACR322LA0101-08A1	DS	PQI	PQC3648S15R	v	3PCS
Q13A1	512MB	Qimonda	IMSH51U03A1F1C-13G	SS	Qimonda	IDSH51-03A1F1C-13G	v	
Q13B1	1GB	Qimonda	IMSH1GU03A1F1C-13H	SS	Qimonda	IDSH1G-03A1F1C-13H	v	3PCS
QE13B1	1GB	Qimonda	IMSH1GE13A1F1C-13H	DS	Qimonda	IDSH51-03A1F1C-13H	v	
S13B1	1GB	Samsung	M391B2873DZ1	SS	SEC	SEC 813 HCH9	v	3PCS
TA13B1	1GB	Team	TXD31024M1333HC7	SS			v	
W13B1	1GB	Winchip	GDF1GB68L150C9	DS	Winchip	AHI648EES-13K	v	3PCS
<b>DDR3 1066</b>								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
AN10A1	1GB	AENEON	AEH660UD-10FA98X	DS	AENEON	AEH93R10F	v	3PCS
AN10B1	1GB	AENEON	AEH760UD00	DS	AENEON	AEH93R10F	v	3PCS
B10A1	512MB	BUFFALO	D3U1066-S512	SS	Elpida	J5308AASE-AC-E	v	
E10A1	512MB	Elpida	EBJ51UD8BAFA-AE-E	SS	Elpida	J5308BASE-AC-E	v	
E10B1	1GB	Elpida	EBJ11UD8BAFA-AE-E	DS	Elpida	J5308BASE-AC-E	v	
EX10C1	2GB	elixir	M2F2G64CB8HA4N-BE	DS	elixir	N2CB1G80AN-BE	v	3PCS
H10C2	2GB	Hynix	HMT125U6AFP8C-G7N0	DS	Hynix	H5TQ1G83AFP	v	3PCS
K10A1	512MB	Kingston	KVR1066D3N7/512	SS	Elpida	J5308BASE-AC-E	v	3PCS
K10B1	1GB	Kingston	KVR1066D3N7/1G	DS	Elpida	J5308BASE-AE-E	v	3PCS
K10C1	2GB	Kingston	KVR1066D3N7/2G	DS	Samsung	K4B1G0846C ZCF8	v	3PCS
KI10B1	1GB	KINGMAX	FLED45F-A8EB7	DS	Elpida	J5308BASE-AE-E	v	3PCS
NE10A1	512MB	Nanya	NT512C72B89A0NY-BE	SS	Nanya	NT5CB64M8AN-BE	v	3PCS
N10C1	2GB	Nanya	NT2GC64B8HA0NF-BE	DS	Nanya	NT5C8128M8AN-BE	v	
M10A1	512MB	Micro	MT4JTF6464AY	SS	Micro	7IBI2 Z9HXV	v	
M10B1	1GB	Micro	MT8JTF12864AY	SS	Micro	7GBI2 Z9HWQ	v	
M10C2	2GB	Micro	MT16JTF25664AY	DS	Micro	8DD22D9JNL	v	3PCS
P10B1	1GB	PATRIOT	PSD31G106681	SS	Micro	7GB12 Z9HWQ	v	3PCS
Q10A1	512MB	Qimonda	IMSH51U03A1F1C-10F	SS	Qimonda	IDSH51-03A1F1C-10F	v	
Q10C1	2GB	Qimonda	IMSH2GU03A1F1C-10G	DS	Qimonda	IDSH1G-03A1F1C-10G	v	3PCS
S10B1	1GB	Samsung	M378B2873CZ0-CF8	SS	Samsung	K4B1C0846C ZCF8	v	

SE10B1	1GB	Samsung	M391B2873CZ0-CF8	SS	Samsung	K4B1G0846C ZCF8	v	3PCS
SE10C1	2GB	Samsung	M391B5673CZ0-CF8	DS	Samsung	K4B1G0846C ZCF8	v	3PCS
S10D1	4GB	Samsung	M378B5273BH1-CF8	DS	Samsung	K4B2G0846B HCF8	v	3PCS
T10B1	1GB	Transcend	TS128MLK64V1U	SS	Samsung	K4B1G0846D HCF8	v	3PCS
<b>DDR3 800</b>								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
H8B1	1GB	Hynix	HYMT112U64ZNF8-S6 AA	DS	Hynix	HY5TQ1G831ZN F-S6	v	
H8C1	2GB	Hynix	HYMT125U64ZNF8-S5 AA	DS	Hynix	HY5TQ1G831ZN F-S5	v	
N8B1	1GB	Nanya	NT1GC64B8HA0NY-25D	DS	Nanya	NT5CB64M8AN-25D	v	
Q8A1	512MB	Qimonda	IMSH51U03A1F1C-08E	SS	Qimonda	IDSH51-03A1F1C-08E	v	
Q8B1	1GB	Qimonda	IMSH1GU13A1F1C-08E	DS	Qimonda	IDSH51-03A1F1C-08E	v	
S8A1	512MB	Samsung	M378B6573EZ0-CF7	SS	Samsung	K4B510846E-ZCF7	v	
EX10C1	2GB	elixir	M2F2G64CB8HA4N-BE	DS	elixir	N2CB1G80AN-BE	v	3PCS
H10C2	2GB	Hynix	HMT125U6AFP8C-G7N0	DS	Hynix	H5TQ1G83AFP	v	3PCS
K10A1	512MB	Kingston	KVR1066D3N7/512	SS	Elpida	J5308BASE-AC-E	v	3PCS
K10B1	1GB	Kingston	KVR1066D3N7/1G	DS	Elpida	J5308BASE-AE-E	v	3PCS
K10C1	2GB	Kingston	KVR1066D3N7/2G	DS	Samsung	K4B1G0846C ZCF8	v	3PCS
KI10B1	1GB	KINGMAX	FLED45F-A8EB7	DS	Elpida	J5308BASE-AE-E	v	3PCS
NE10A1	512MB	Nanya	NT512C72B89A0NY-BE	SS	Nanya	NT5CB64M8AN-BE	v	3PCS
N10C1	2GB	Nanya	NT2GC64B8HA0NF-BE	DS	Nanya	NT5C8128M8AN-BE	v	
M10A1	512MB	Micro	MT4JTF6464AY	SS	Micro	7IBI2 Z9HXV	v	
M10B1	1GB	Micro	MT8JTF12864AY	SS	Micro	7GBI2 Z9HWQ	v	
M10C2	2GB	Micro	MT16JTF25664AY	DS	Micro	8DD22D9JNL	v	3PCS
P10B1	1GB	PATRIOT	PSD31G106681	SS	Micro	7GB12 Z9HWQ	v	3PCS
Q10A1	512MB	Qimonda	IMSH51U03A1F1C-10F	SS	Qimonda	IDSH51-03A1F1C-10F	v	
Q10B1	1GB	Qimonda	IMSH1GU03A1F1C-10F	SS	Qimonda	IDSH1G-03A1F1C-10F	v	3PCS
Q10C1	2GB	Qimonda	IMSH2GU03A1F1C-10G	DS	Qimonda	IDSH1G-03A1F1C-10G	v	3PCS
S10B1	1GB	Samsung	M378B2873CZ0-CF8	SS	Samsung	K4B1C0846C ZCF8	v	
SE10B1	1GB	Samsung	M391B2873CZ0-CF8	SS	Samsung	K4B1G0846C ZCF8	v	3PCS

SE10C1	2GB	Samsung	M391B5673CZ0-CF8	DS	Samsung	K4B1G0846C ZCF8	v	3PCS
S10D1	4GB	Samsung	M378B5273BH1-CF8	DS	Samsung	K4B2G0846B HCF8	v	3PCS
T10B1	1GB	Transcend	TS128MLK64V1U	SS	Samsung	K4B1G0846D HCF8	v	3PCS
<b>DDR3 800</b>								
No.	Size	Module Supplier	Module P/N.	SS/DS	Comp. Used	Component P/N.	Dual-channel	Triple channel
H8B1	1GB	Hynix	HYMT112U64ZNF8-S6 AA	DS	Hynix	HY5TQ1G831ZN F-S6	v	
H8C1	2GB	Hynix	HYMT125U64ZNF8-S5 AA	DS	Hynix	HY5TQ1G831ZN F-S5	v	
N8B1	1GB	Nanya	NT1GC64B8HA0NY-25D	DS	Nanya	NT5CB64M8AN-25D	v	
Q8A1	512MB	Qimonda	IMSH51U03A1F1C-08E	SS	Qimonda	IDSH51-03A1F1C-08E	v	
Q8B1	1GB	Qimonda	IMSH1GU13A1F1C-08E	DS	Qimonda	IDSH51-03A1F1C-08E	v	
S8A1	512MB	Samsung	M378B6573EZ0-CF7	SS	Samsung	K4B510846E-ZCF7	v	

(Note1)

According to Intel spec definition that XMP DIMMs and DDR3-1600 above are supported for one DIMM per channel only

(Note2)

When enabling Dual Channel mode with 2 memory modules, be sure to install them in the DDR3\_1 and DDR3\_3 sockets

(Note3)

When enabling 3 Channel mode with 3 memory modules, be sure to install them in the DDR3\_1, DDR3\_3 and DDR3\_5 sockets

When enabling 3 Channel mode with 4 memory modules, be sure to install them in the DDR3\_1, DDR3\_2, DDR3\_3 and DDR3\_5 sockets