

## Qualified Vendors List (QVL) for GA-990FX-Gaming

Memory modules listed as below is for reference only. Due to massive memory models in 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。

DDR3 2500 (downgrade to DDR3 2000 MHz for one DIMM per channel )							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
GEIL	2GB	GET34GB2500C9DC	DS			v	v
DDR3 2400 (downgrade to DDR3 2000 MHz for one DIMM per channel )							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
DDR3 2300~2333 (downgrade to DDR3 2000 MHz for one DIMM per channel )							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
G.SKILL	2GB	F3-18400CL8D-4GBPIS	DS			v	v
Kingston	1GB	KHX2333C9D3T1K3/3GX	SS			v	v
Kingston	2GB	KHX2333C9D3T1K2/4GX	DS			v	v
DDR3 2200~2250 (downgrade to DDR3 2000 MHz for one DIMM per channel )							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
GEIL	2GB	GU38GB2200C9QC	DS			v	v
Kingston	2GB	KHX2250C9D3T1K2/4GX	DS			v	v
Winchip	2GB	DFC2GBIILK22A00E	SS			v	v
DDR3 2133 (downgrade to DDR3 2000 MHz for one DIMM per channel )							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
Kingston	2GB	KHX2133C9AD3T1K4/8GX	DS			v	v
DDR3 2000 for one DIMM per channel							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
Apacer	2GB	78.AAGD5.9KD	DS			v	v
CORSAIR	2GB	CMX6GX3M3A2000C9	DS			v	v
G.SKILL	2GB	F3-16000CL9T-6GBTD	DS			v	v
G.SKILL	2GB	F3-16000CL9D-4GBFSL	DS			v	v
STAREX	1GB	STH100UD0814-2000A	SS			v	v
Team	1GB	TXD32048M2000HC9	SS			v	v
Kingston	1GB	KHX2000C9AD3T1K3/3GX	SS			v	v
OCZ	4GB	OCZ3P2000LV8GK	DS			v	v
Winchip	2GB	GDF2GB28L100C9	DS			v	v
DDR3 1866 for one DIMM per channel							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
CORSAIR	4GB	CMZ8GX3M2A1866C9	DS			v	v
G.SKILL	1GB	F3-15000CL9D-4GBRH	DS			v	v
Kingston	1GB	KHX1866C9D3T1K3/3GX	SS			v	v
Kingston	2GB	KHX1866C9D3T1K3/6GX	DS			v	v
DDR3 1800							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
G.SKILL	2GB	F3-14400CL6D-4GBFSL	DS			v	v
Kingston	2GB	KHX1800C9D3T1K3/6GX	DS			v	v
Transcend	1GB	TX1800KLU-2GK	SS			v	v
DDR3 1600							
Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
A-DATA	1GB	AX3U1600PB1G8-2P	SS			v	v
A-DATA	2GB	AX3U1600GB2G9-2G	DS			v	v
CORSAIR	1GB	TR3X3G1600C8D	SS			v	v
CORSAIR	2GB	CMD4GX3M2B1600C8	DS			v	v
CORSAIR	2GB	CMD8GX3M4A1600C8	DS			v	v
CORSAIR	2GB	HX3X12G1600C9	DS			v	v
CORSAIR	2GB	CMX6GX3M3A1600C9	DS			v	v
CORSAIR	4GB	CMZ8GX3M2A1600C8	DS			v	v
CORSAIR	4GB	CMZ8GX3M2A1600C9	DS			v	v
CORSAIR	4GB	CMZ16GX3M4A1600C9	DS			v	v
elixir	2GB	M2Y2G64CB8HA9N-DG	DS			v	v
GEIL	1GB	GV32GB1600C8DC	SS			v	v
GEIL	2GB	GET34GB1600C7DC	DS			v	v
GEIL	2GB	GET38GB1600C9QC	DS			v	v
GEIL	2GB	GET312GB1600C9HC	DS			v	v
G.SKILL	2GB	F3-12800CL7D-4GBECO	DS			v	v
G.SKILL	2GB	F3-12800CL9D-4GBXL	DS			v	v
G.SKILL	4GB	F3-12800CL8D-8GBECO	DS			v	v
G.SKILL	4GB	F3-12800CL9D-8GBRL	DS			v	v

G.SKILL	4GB	F3-12800CL7D-8GBRH	DS			v	v
Kingston	2GB	KHX1600C9D3K3/6GX	DS			v	v
Kingston	2GB	KHX1600C9D3LK2/4GX	DS			v	v
Kingston	2GB	KHX1600C7D3K2/4GX	DS			v	v
Kingston	2GB	KHX1600C9D3T1K3/6GX	DS			v	v
Kingston	2GB	KHX1600C9D3X2K2/4GX	DS			v	v
Kingston	2GB	KHX1600C9D3K2/4GX	DS			v	v
Kingston	4GB	KHX1600C9D3K3/12GX	DS			v	v
KingMax	1GB	FLGD45F-B8KG9	SS	KingMax	KFB8FNGXF-ANX	v	v
KingMax	2GB	FLGE85F-B8MF7	DS			v	v
KingMax	2GB	FLGE85F-B8KG9	DS	KingMax	KFB8FNGXF-ANX	v	v
KINGTIGER	2GB	KTG2G1600PG3	DS			v	v
OCZ	2GB	OCZ3G1600LV6GK	DS			v	v
OCZ	2GB	OCZ3P1600C9ELV6GK	DS			v	v
OCZ	2GB	OCZ3P1600ELV4GK	DS			v	v
OCZ	2GB	OCZ3P1600LV8GK	DS			v	v
OCZ	2GB	OCZ3X1600R2LV6GK	DS			v	v
OCZ	2GB	OCZ3P1600LV8GK	DS			v	v
mushkin	2GB	995659	DS			v	v
PATRIOT	1GB	PVT33G1600ELK	SS			v	v
PATRIOT	2GB	PGS34G1600LLKA	DS			v	v
PATRIOT	4GB	PX7312G1600LLK	DS			v	v
SUPER TALENT	2GB	WP160UX4G8	DS			v	v
SUPER TALENT	2GB	WP160UX4G9	DS			v	v
Team	2GB	TXD36144M1600HC8TC-D	DS			v	v
Team	2GB	TXD32048M1600HC8-D	DS			v	v
Winchip	1GB	GDF1GB18L150C9	SS			v	v
Winchip	2GB	DFC2GBHHLG16900E	DS			v	v
Winchip	2GB	DFC2GBILJ16800E	DS			v	v

DDR3 1333

Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
Apacer	2GB	78.A1GC6.9L1	DS	Apacer	AM5D5808FEQSBG	v	v
Apacer	2GB	AU02GFA33C9NBGC	DS			v	v
CORSAIR	2GB	CMX8GX3M4A1333C9	DS			v	v
CORSAIR	2GB	CMV4GX3M2A1333C9	SS			v	v
CORSAIR	2GB	CMX6GX3M3A1333C9	DS			v	v
CORSAIR	2GB	CMX6GX3M3A1333C8	DS			v	v
Crucial	1GB	CT12864BA1339.8FF	SS	Micron	9AF22D9KPT	v	v
elixir	2GB	M2F2G64CB88B7N-CG	SS	elixir	N2CB2G80BN-CG	v	v
elixir	4GB	M2F4G64CB88B5N-CG	DS	elixir	N2CB2G80BN-CG	v	v
GEIL	2GB	AF16H5664H2AHTCKT	DS			v	v
GEIL	4GB	GVP34GB1333C9SC	DS			v	v
G.SKILL	4GB	F3-10666CL9D-8GBRL	DS			v	v
G.SKILL	4GB	F3-10666CL7D-8GBRH	DS			v	v
Kingston	1GB	KVR1333D3N9/1G	SS			v	v
Kingston	2GB	KHX1333C9D3UK2/4GX	DS			v	v
Kingston	2GB	KVR1333D3N9/2G-SP	DS			v	v
Kingston	4GB	KVR1333D3N9/4G	DS			v	v
KingMax	2GB	FLFE85F-C8KM9	SS	KingMax	KFC8FNMXF-BXX-15A	v	v
KingMax	4GB	FLFF65F-C8KM9	DS	KingMax	KFC8FNMXF-BXX-15A	v	v
KINGTIGER	2GB	KTG2G1333PW3	DS			v	v
KINGTIGER	4GB	T10KA0C8315	DS			v	v
OCZ	1GB	OCZ3P13332GK	DS			v	v
OCZ	2GB	OCZ3P1333LV4GK	DS			v	v
OCZ	2GB	OCZ3P1333LV6GK	DS			v	v
OCZ	2GB	OCZ3V1333LV6GK	DS			v	v
OCZ	2GB	OCZ3P1333C9ELV4GK	DS			v	v
OCZ	4GB	OCZ3G1333LV8GK	DS			v	v
PQI	2GB	MFACR423PA0103	DS	PQI	PQC32808E15R	v	v
PATRIOT	2GB	PGS34G1333LLKA	DS			v	v
Samsung	8GB	M378B1G73AHO	DS			v	v
S-POWER	1GB	SP001GBLTU133S02	SS	S-POWER	10YT3N0 0919	v	v

S-POWER	2GB	SP002GBLTU133S02	DS	S-POWER	10YT3N0 0919	v	v
Transcend	2GB	TS256MLK64V3U	DS	Micron	9ND22 D9JNM	v	v
Transcend	2GB	TS256MLK64V3U	DS	Hynix	H5TQ1G83AFP H9C	v	v
Transcend	2GB	JM1333KLU-2G	DS	Transcend	TK243EAF3	v	v
Team	2GB	TED32048M1333HC9	DS			v	v
Winchip	1GB	GDF1GB68L150C9	DS	Winchip	AH1648EES-13K	v	v
Winchip	4GB	GDF4GB28L150C9-24GK	DS			v	v

**DDR3 1066**

Module Supplier	Size	Module P/N.	SS/DS	Comp. Used	Component P/N.	Single-channel	Dual-channel
elixir	2GB	M2Y2G64CB8HC9N-BE	DS			v	v
Kingston	1GB	KVR1066D3N7/1G	SS	Kingston	D1288JEKAPGA7U	v	v
Kingston	2GB	KVR1066D3N7/2G	DS	Kingston	D1288JEKAPGA7U	v	v
Kingston	4GB	KVR1066D3N7/4G	DS	Samsung	K4B2G0846B HCF8	v	v
PATRIOT	1GB	PSD31G106681	SS	Micron	7GB12 Z9HWQ	v	v
Transcend	1GB	TS128MLK64V1U	SS	Samsung	K4B1G0846D HCF8	v	v