H97M-PLUS

DDR3 3200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
AVEXIR	AVD3UH32001304G-4CI(XMP)	16GB (4x 4GB)	SS	-	-	13-15-15-35	1.65V	●	●	

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 3100 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
AVEXIR	AVD3UH31001204G-2CIR	4GB	SS	-	-	-	1.65V	●		

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-3000C12Q-16GTXDG	4GB	SS	-	-	-	1.65V	●	●	●

DDR3 2933 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-2933C12Q-16GTDXG	4GB	SS	-	-	12-14-14-35	1.65V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-2800C11Q-16GTXD(XMP)	16GB(4GBx4)	DS	-	-	11-13-13-35	1.65V	●	●	
G.SKILL	F3-2800C12Q-32GGTXDG	8GB	DS	-	-	12-14-14-35	1.65V	●	●	
ADATA	AX3U2800W4G12-DGV	4GB	SS	-	-	12-12-14-36	1.65V	●	●	●
ADATA	AX3U2800W8G12-DGV	8GB	DS	-	-	12-12-14-36	1.65V	●		
AVEXIR	AVD3UH28001204G-4BZ1	4GB	SS	-	-	-	1.65V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMD16GX3M4A2666C10 (Ver4.13)	4GB	DS	-	-	10-12-12-31	1.65V	●	●	●
CORSAIR	CMD16GX3M4A2666C11 (XMP)	4GB	DS	-	-	11-13-13-35	1.65V	●	●	●
G.SKILL	F3-2666C11Q-16GTXD(XMP)	16GB(4GBx4)	DS	-	-	11-13-13-35	1.65V	●	●	●
AVEXIR	AVD3U26661204G-4CI	8GB	SS	N/A	N/A		1.65V	●	●	●
AVEXIR	AVD3U26661104G-4BZ1	4GB	SS	N/A	N/A		1.65V	●	●	●
AVEXIR	AVD3U26661108G-4BZ1	8GB	DS	N/A	N/A		1.65V	●		

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-2600CL10Q-16GBZMD(XMP)	16GB(4x 4GB)	DS	-	-	10-12-12-31	1.65V	●	●	
G.SKILL	F3-2600CL11Q-32GBZHD(XMP)	32GB(8GBX4)	DS	-	-	11-13-13-35	1.65V	●		
ADATA	AX3U2600GW8G11	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMGTX8(XMP)	8GB (2GBx 4)	SS	-	-	10-12-10-27	1.65V	●	●	
CORSAIR	CMD16GX3M2A2400C9(Ver4.21)	8GB	DS	-	-	10-12-12-31	1.65V	●	●	●
CORSAIR	CMD32GX3M4A2400C10(Ver5.29)	8GB	DS	-	-	10-12-12-31	1.65V	●	●	●
CORSAIR	CMY16GX3M2A2400C10R(Ver4.21)	8GB	DS	-	-	10-12-12-31	1.65V	●	●	●
G.SKILL	F3-2400C10D-8GTX(XMP)	8GB(2x 4GB)	SS	-	-	10-12-12-31	1.65V	●	●	●
G.SKILL	F3-19200CL11Q-16GBZHD(XMP1.3)	16GB (4GB x4)	DS	-	-	11-11-11-31	1.65V	●		
G.SKILL	F3-19200CL 10Q-32GBZHD(XMP)	8GB	DS	-	-	10-12-12-31	1.65V	●	●	
GEIL	GET34GB2400C9DC(XMP)	2GB	DS	-	-	9-11-9-27	1.65V	●		
KINGMAX	FLLE88F-C8KKAA HAIS(XMP)	2GB	SS	-	-	10-11-10-30	1.8V	●	●	●
KINGSTON	KHX2400C11D3K4/8GX(XMP)	8GB(4GBx2)	SS	-	-	-	1.65V	●	●	●
KINGSTON	KHX24C11T2K2/8X(XMP)	4GB	DS	-	-	-	1.65V	●	●	●
ADATA	AX3U2400W4G11-DMV	8GB (2x 4GB)	SS	-	-	11-13-13-35	1.65V	●	●	●
ADATA	AX3U2400W8G11-DMV	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65V	●	●	●
PATRIOT	PVV34G2400C9K(XMP)	4GB(2x 2GB)	DS	-	-	9-11-9-27	1.65V	●	●	
AMD	AG34G2401G1S	4GB	SS	-	-	11-12-12-31	1.65V	●	●	●
G.SKILL	F3-2400C11D-8GRS	4GB	DS	N/A	N/A	11-11-13-31	1.65V	●	●	●
AVEXIR	AVD3U24001008G-4BZ1	8GB	DS	N/A	N/A		1.65V	●	●	●
AVEXIR	AVD3U24001004G-4BZ1	4GB	SS	N/A	N/A		1.65V	●	●	●
AVEXIR	AVD3U24001104G-4CI	4GB	SS	N/A	N/A		1.65V	●	●	●
AVEXIR	AVD3U24001108G-4CI	8GB	DS	N/A	N/A		1.65V	●	●	●
TEAM	TLD38G2400HC11CBK	8GB	DS	-	-	11-13-13-35	1.65V	●		

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2250 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
KINGSTON	KHX2250C9D3T1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
GEIL	GET34GB2200C9DC(XMP)	2GB	DS	-	-	9-10-9-28	1.65V	●	●	●

GEIL	GET38GB2200C9ADC(XMP)	4GB	DS	-	-	9-11-9-28	1.65V	●	●	●
KINGMAX	FLKE85F-B8KJAA-FEIS(XMP)	2GB	DS	-	-	-	1.5V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMZ8GX3M2A2133C11(Ver4.21)	4GB	SS	-	-	11-11-11-27	1.50V	●	●	●
CORSAIR	CMY8GX3M2A2133C11R	8GB(4 x 2GB)	SS	-	-	11-11-11-27	1.50V	●	●	●
CORSAIR	CMT16GX3M4X2133C9(XMP 1.3)	16GB (4GB x4)	DS	-	-	9-11-10-27	1.50V	●	●	●
CORSAIR	CMT4GX3M2A2133C9(XMP)	4GB(2x 2GB)	DS	-	-	9-10-9-24	1.65V	●	●	●
CORSAIR	CMT4GX3M2B2133C9(XMP)	4GB(2x 2GB)	DS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMD8GX3M2B2133C9(Ver5.12)	4GB	DS	-	-	9-11-11-31	1.65V	●	●	●
CORSAIR	CMT8GX3M2B2133C9(XMP)	8GB (4GB x 2)	DS	-	-	9-11-9-27	1.50V	●	●	●
CORSAIR	CMD16GX3M2A2133C9(Ver4.21)	8GB	DS	-	-	9-11-11-31	1.65V	●	●	●
CORSAIR	CMD32GX3M4A2133C9(Ver4.21)	8GB	DS	-	-	9-11-11-31	1.65V	●	●	●
G.SKILL	F3-17000CL9Q-16GBZH(XMP1.3)	16GB (4GB x4)	DS	-	-	9-11-10-28	1.65V	●	●	●
G.SKILL	F3-17000CL11Q2-64GBZLD(XMP)	8GB	DS	-	-	11-11-11-31	1.5V	●	●	●
G.SKILL	F3-2133C11Q-32GZL(XMP)	8GB	DS	-	-	11-11-11-31	1.5V	●	●	●
GEIL	GE34GB2133C9DC(XMP)	2GB	DS	-	-	9-9-9-28	1.65V	●	●	●
KINGSTON	KHX2133C11D3K4/16GX(XMP)	16GB (4GB x4)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX2133C11D3T1K2/16GX(XMP)	16GB(8GB x 2)	DS	-	-	-	1.6V	●	●	●
KINGSTON	KHX21C11T1BK2/16X(XMP)	16GB(8GBx2)	DS	-	-	-	1.6V	●	●	●
KINGSTON	KHX2133C9AD3T1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX2133C9AD3X2K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9-11-9-27	1.65V	●	●	●
KINGSTON	KHX2133C9AD3T1K4/8GX(XMP)	8GB(4 x 2GB)	DS	-	-	9-11-9-27	1.65V	●	●	●
KINGSTON	KHX21C11T1BK2/8X(XMP)	8GB(4GBx2)	DS	-	-	-	1.6V	●	●	●
KINGSTON	KHX2133C9AD3T1FK4/8GX(XMP)	8GB(4x 2GB)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX21C11T3K4/32X	8GB	DS	-	-	-	1.65V	●	●	●
ADATA	AX3U2133W4G10-DR	8GB (2x 4GB)	SS	-	-	10-11-11-30	1.65V	●	●	●
ADATA	AX3U2133W8G10-DR	16GB (2x 8GB)	DS	-	-	10-11-11-30	1.65V	●	●	●
AMD	AG34G2130UI	4GB	SS	-	-	10-11-11-30	1.65V	●	●	●
AMD	AG316G2130U1S(XMP)	4GB	SS	-	-	10-11-11-30	1.65V	●	●	●
AMD	AP38G2133U2K	4GB	DS	-	-	11-12-11-30	1.65V	●	●	●
PATRIOT	PGD38G2133C11K(XMP)	16GB (4GB x4)	DS	-	-	11-11-11-30	1.65V	●	●	●
KINGSTON	KHX21C11T2K2/8X	8GB (2x 4GB)	SS	N/A	N/A	11-11-11-28-39	1.6V	●	●	●
G.SKILL	F3-2133C10D-16GAB	8GB	DS	N/A	N/A	10-12-12-31	1.6V	●	●	●
AVEXIR	AVD3U21330908G-4BZ1	8GB	DS	N/A	N/A		1.65V	●	●	
AVEXIR	AVD3U21331104G-4CI	4GB	SS	N/A	N/A		1.5V	●	●	●
AVEXIR	AVD3U21331108G-4CI	8GB	DS	N/A	N/A		1.5V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 2000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMZ4GX3M2A2000C10(XMP)	4GB(2 x 2GB)	SS	-	-	10-10-10-27	1.50V	●	●	●
CORSAIR	CMT6GX3M3A2000C8(XMP)	6GB(3 x 2GB)	DS	-	-	8-9-8-24	1.65V	●	●	●
G.SKILL	F3-16000CL9D-4GBFLS(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	●
G.SKILL	F3-16000CL6T-6GBPIS(XMP)	6GB (3x 2GB)	DS	-	-	6-9-6-24	1.65V	●	●	
GEIL	GUP34GB2000C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65V	●	●	●
KINGSTON	KHX2000C9AD3T1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX2000C9AD3W1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX2000C9AD3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	-	1.65V	●	●	
Asint	SLA302G08-ML2HB(XMP)	4GB	DS	HYNIX	H5TQ2G83BFR H9C	-	1.5V-1.65V	●	●	●
AVEXIR	AVD3U20000904G-4CI	4GB	SS	N/A	Heat-Sink Package	9-9-9-28-39	1.65V	●		
AVEXIR	AVD3U20000908G-4CI	8GB	DS	N/A	Heat-Sink Package	9-9-9-28-39	1.65V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 1866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMY8GX3M2A1866C9	4GB	SS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMT6GX3MA1866C9(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	
CORSAIR	CMZ8GX3M2A1866C9(XMP)	8GB(2 x 4GB)	DS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMD32GX3M4A1866C9(Ver3.24)	8GB	DS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMY16GX3M2A1866C9(Ver3.24)	8GB	DS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMY32GX3M4A1866C9	8GB	DS	-	-	9-10-9-27	1.50V	●	●	●
CORSAIR	CMZ16GX3M2A1866C10(Ver4.21)	8GB	DS	-	-	10-11-10-30	1.50V	●	●	
CRUCIAL	BLE4G3D1869DE1TXO.16FMD(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	●	●	
CRUCIAL	BLT4G3D1869DT1TX0.13FKD(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	●	●	
CRUCIAL	BLT4G3D1869DT2TXCB.10FMR(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	●	●	
G.SKILL	F3-14900CL9Q-16GBZL(XMP1.3)	16GB (4GB x4)	DS	-	-	9-10-9-28	1.5V	●	●	
G.SKILL	F3-14900CL10Q2-64GBZLD(XMP1.3)	64GB (8GBx 8)	DS	-	-	10-11-10-30	1.5V	●	●	●
G.SKILL	F3-14900CL9D-8GBXL(XMP)	8GB(2 x 4GB)	DS	-	-	9-10-9-28	1.5V	●	●	
G.SKILL	F3-14900CL9Q-8GBXL(XMP)	8GB(2GBx4)	DS	-	-	9-9-9-24	1.6V	●	●	●
KINGSTON	KHX1866C9D3K4/16GX(XMP)	16GB (4GB x4)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX1866C11D3P1K2/8G	8GB (4GB x 2)	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX1866C9D3K2/8GX(XMP)	8GB(4GBX2)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX18C10T3K4/32X	8GB	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX18C9T2K2/8X	8GB (2x 4GB)	DS	N/A	N/A	9-9-9-24-33	1.65	●	●	●
AMD	AP38G1869U2K	8GB(4GBX2)	DS	-	-	9-10-9-27	1.5V	●	●	
AMD	AP38G1869U1K(XMP)	4GB	SS	-	-	9-10-9-27	1.5V	●	●	●
AMD	AP38G1869U2K	8GB(4GBX2)	DS	HYNIX	H5TQ2GB3CFR	9-10-9-27	1.5V	●	●	●
TEAM	TED38GM1866C13BK	8GB	DS	HYNIX	H5TQ4G83AFY	13-13-13-31	1.5V	●	●	●
AVEXIR	AVD3U0904G-4CI	4GB	SS	N/A	N/A	11-11-11-28-39	1.65V	●	●	●
AVEXIR	AVD3U0908G-4CI	8GB	DS	N/A	N/A	11-11-11-28-39	1.5V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 1600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-1600C11S-4GNT	4GB	SS	SEC 343 XYKO	K4B4GO846D	11-11-11-28	1.5V	●	●	●

TEAM	TLD38G1600HC9BK	8GB	DS	-	-	9-9-9-24	1.5V	●	●	●
TEAM	TED34GM1600C11BK	4GB	DS	HYNIX	H5TQ2G83CFY	11-11-11-28	1.5V	●	●	●
ADATA	N/A	4GB	SS	ADATA	3WCD-12IIA EL1348V	-	-	●	●	●
AVEXIR	AVD3U16000904G-4CI	4GB	SS	N/A	Heat-Sink Package		1.5V	●	●	●
AVEXIR	AVD3U16001008G-4CI	8GB	DS	N/A	Heat-Sink Package		1.5V	●	●	●
SAMSUNG	M379B5273DHO-YKO 1325	4GB	DS	SEC 312 BJKO	K4B2GO846C	11-11-28-39	1.35V	●	●	●
APACER	78.B1GET.9K00C	4GB	SS	APACER	AM5D6008BQQSCK	-	1.50V	●	●	●
Apacer	78.B1GE3.9L10C	4GB	DS	Apacer KZZC	AM5D5908DEQSCK	-	1.50V	●	●	●
Apacer	AU04GFA60CATBGC	4GB	SS	Apacer	AM5D60080QJMCK1336F	-	1.50V	●	●	●
Apacer	78.BAQEJ.9LK0C(XMP)	4GB	DS	-	-	-	1.50V	●	●	●
APACER	78.C1GET.9K10C	8GB	DS	APACER	AM5D6008BQQSCK	-	1.50V	●	●	●
CORSAIR	CMV4GX3M1A1600C11	4GB	SS	CORSAIR	512M8DDLGPSBO381320	-	1.50V	●	●	●
CORSAIR	CMY8GX3M2A1600C9	4GB	SS	-	-	9-9-9-24	1.50V	●	●	
CORSAIR	CMD12GX3M6A1600C8(XMP)	12GB(6x2GB)	DS	-	-	8-8-8-24	1.65V	●	●	●
CORSAIR	CMZ32GX3M4X1600C10(XMP)	32GB(8GBx4)	DS	-	-	10-10-10-27	1.50V	●	●	●
CORSAIR	CMP4GX3M2A1600C8(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.65V	●	●	
CORSAIR	CMP4GX3M2A1600C9(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	
CORSAIR	CMP4GX3M2C1600C7(XMP)	4GB(2 x 2GB)	DS	-	-	7-8-7-20	1.65V	●	●	●
CORSAIR	CML8GX3M2A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	CMZ4GX3M1A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	
CORSAIR	CMZ8GX3M2A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	TR3X6G1600C8D G(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65V	●	●	●
CORSAIR	TR3X6G1600C9 G(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	●
CORSAIR	CMP8GX3M2A1600C9(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-24	1.65V	●		
CORSAIR	CMZ8GX3M2A1600C7R(XMP)	8GB(2 x 4GB)	DS	-	-	7-8-7-20	1.50V	●	●	●
CORSAIR	CML16GX3M2A1600C10	8GB	DS	-	-	10-10-10-27	1.50V	●	●	●
CORSAIR	CMV8GX3M1A1600C11	8GB	DS	CORSAIR	512M8DDLGPSBO381311	-	-	●	●	
CORSAIR	CMY16GX3M2A1600C9	8GB	DS	-	-	9-9-9-24	1.50V	●	●	
CORSAIR	CMY32GX3M4A1600C9	8GB	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	CMZ8GX3M1A1600C10(XMP)	8GB	DS	-	-	10-10-10-27	1.50V	●	●	●
G.SKILL	F3-12800CL7D-4GBRH(XMP)	4GB(2 x 2GB)	SS	-	-	7-7-7-24	1.6V	●	●	●
G.SKILL	F3-12800CL7D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	7-8-7-24	1.6V	●	●	●
G.SKILL	F3-12800CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V	●	●	●
G.SKILL	F3-12800CL7D-8GBRH(XMP)	8GB(2 x 4GB)	DS	-	-	7-8-7-24	1.6V	●	●	●
G.SKILL	F3-12800CL8D-8GBECO(XMP)	8GB(2 x 4GB)	DS	-	-	8-8-8-24	XMP 1.35V	●	●	
G.SKILL	F3-12800CL9D-8GBRL(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-24	1.5V	●	●	
G.SKILL	F3-12800CL10S-8GBXL(XMP)	8GB	DS	-	-	10-10-10-30	1.50V	●	●	●
GEIL	GB34GB1600C11DC(XMP)	4GB	DS	GEIL	GL1L256M88BA15GL	-	1.5V	●	●	●
GEIL	GVP38GB1600C11SC（XMP)	4GB	DS	-	-	9-9-9-28	1.5V	●	●	●
GEIL	GET316GB1600C9QC(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-28	1.6V	●	●	
HYNIX	HMT351U6CFR8C-PB	4GB	DS	HYNIX	H5TQ2G83CFR PBC	-	1.50V	●	●	●
KINGMAX	FLGE85F-B8KJ9A FEIS(XMP)	2GB	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX1600C9D3P1K2/4G	4GB(2 x 2GB)	SS	-	-	-	1.5V	●	●	
KINGSTON	KVR16N11S8/4(矮版）	4GB	SS	KINGSTON	U317X8BRRA19	-	1.50V	●	●	●
KINGSTON	KHX1600C9D3K3/12GX(XMP)	12GB(3x4GB)	DS	-	-	9-9-9-27	1.65V	●	●	●
KINGSTON	KHX1600C9D3T1BK3/12GX(XMP)	12GB(3x4GB)	DS	-	-	9-9-9-27	1.65V	●		
KINGSTON	KHX1600C9D3K4/16GX(XMP)	16GB (4GB x4)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX1600C10D3B1K2/16G	16GB(8GBx2)	DS	-	-	-	1.5V	●	●	
KINGSTON	KHX16C9K2/16	16GB(8GBx2)	DS	-	-	-	1.5V	●	●	
KINGSTON	KHX1600C9AD3/2G	2GB	DS	-	-	-	1.65V	●	●	●
KINGSTON	KVR1600D3N11/2G-ES	2GB	DS	KTC	D1288JPNDPLD9U	11-11-11-28	1.35V-1.5V	●	●	●
KINGSTON	KHX1600C7D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX1600C9D3X2K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-27	1.65V	●	●	●
KINGSTON	KHX1600C9D3/4G	4GB	DS	-	-	-	1.65V	●	●	●
KINGSTON	KVR16N11/4(矮版）	4GB	DS	KINGSTON	D2568GEROPGGBU	-	1.5V	●	●	●
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX1600C9D3T1BK3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	1.65V	●	●	●
KINGSTON	KHX1600C9D3K2/8GX(XMP)	8GB(2 x 4GB)	DS	-	-	-	1.65V	●	●	●
KINGSTON	KHX1600C9D3P1K2/8G	8GB(2 x 4GB)	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX16C10B1K2/16X(XMP)	8GB	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX16C9P1K2/16(XMP)	8GB	DS	-	-	-	1.5V	●	●	●
KINGSTON	KHX1600C9D3K2/8GX（XMP)	4GB	SS	-	-	-	1.65V	●	●	●
MICRON	MT8JTF51264AZ-1G6E1	4GB	SS	MICRON	D9QBJ	-	1.50V	●	●	●
MICRON	MT16JTF1G64AZ-1G6E1	8GB	DS	MICRON	D9QBJ	-	-	●	●	●
PSC	AL9F8L93B-GN2E	4GB	SS	PSC	XHP284C3G-M	-	1.50V	●	●	●
PSC	ALAF8L93B-GN2E	8GB	DS	PSC	XHR425C3G-M	-	1.50V	●	●	●
Transcend	TS512MLK64W6H	4GB	SS	SEC 234 HYKO	K4B4GO8468	-	-	●	●	●
Transcend	TS1GLK64V6H	8GB	DS	SEC 222 HYKO	6MD9639W	-	1.50V	●	●	●
Transcend	TS1GLK64W6H	8GB	DS	SEC 234 HYKO	K4B4GO8468	-	1.35V	●	●	
Transcend	TS512MLK64W6H	4GB	SS	SEC 343 XYKO	K4B4GO846D			●	●	●
Transcend	TS1GLK64W6H	8GB	DS	SEC 343 XYKO	K4B4GO846D			●	●	●
ADATA	AD3U1600W4G11-B	4GB	SS	ADATA	F209X8BR6413	-	-	●	●	●
ADATA	ADDU1600W4G11-B	4GB	SS	ADATA	DWND-1211A	-	-	●	●	●
ADATA	AX3U1600W4G9-DB	8GB (2x 4GB)	SS	-	-	9-9-9-24	1.5V	●	●	●
ADATA	AX3U1600W8G9-DB	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5V	●	●	●
ADATA	ADDU1600W8G11-B	8GB	DS	ELPIDA	J4208EBBG-GN-F	-	-	●	●	●
ADATA	AD3U1600W8G11-B	8GB	DS	ADATA	F211X8B0640A	-	-	●	●	
AMD	AE32G1609U1-U	2GB	SS	AMD	23EY4587MB6H11503M	9-9-9-24	1.5V	●	●	●
AMD	AE38G1609U1K	4GB	SS	-	-	9-9-9-28	1.5V	●	●	●
AMD	AE34G1609U2-U	4GB	DS	AMD	23EY4587MB6H11503M	9-9-9-24	1.5V	●	●	●
ASint	SLZ302G08-EGN1C	2GB	SS	Asint	SLZ302G08-GN1C	-	1.5V	●	●	●
Asint	SLA304G08-ENG1B	4GB	SS	Asint	304G08-GN1B1301	-	1.5V	●	●	●
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D	9-9-9-24	1.6V	●	●	●
Asint	SLA302G08-EGG1C(XMP)	4GB	DS	Asint	302G08-GG1C	-	1.5V-1.6V	●	●	●
Asint	SLA302G08-EGJ1C(XMP)	4GB	DS	Asint	302G08-GJ1C	-	1.5V-1.6V	●	●	●
ASint	SLA302G08-EGN1C	4GB	DS	Asint	SLA302G08-GN1C	-	1.5V	●	●	●
Asint	SLB304G08-EGJ1B	8GB	DS	-	-	-	1.5V-1.6V	●	●	●
ASint	SLB304G08-EGN1B	8GB	DS	Asint	SLB304G08-GN1B	-	1.5V	●	●	●
Elixir	M2P2G64CB8HC9N-DG(XMP)	2GB	DS	-	-	-	1.65V/1.65V	●	●	
Elixir	M2P2G64CB8HC9N-DG	2GB	DS	-	-	-	1.5V-1.6V	●	●	●
Elixir	M2X8G64CB8HB5N-DG(XMP)	8GB	DS	Elixir 1213	N2CB4G8BOBN-DG	-	1.5V-1.65V	●	●	●
MIRAGES	KMD3U1600V4G(PC3-12/00U)	4GB	SS	-	SEC246BCKOK4B4GO846C	-	-	●	●	●

PATRIOT	PGD316G1600ELK(XMP)	32GB(8GBx4)	DS	-	-	9-9-9-24	1.65V	●	●	
PATRIOT	PV332G160C9QK	8GB	DS	-	-	-	1.5V	●	●	●
SANMAX	SMD-4G28N1P-16KM	4GB	SS	ELPIDA	J4208BBBG-GN-F	-	-	●	●	●
SanMax	SMD-4G68HP-16KZ	4GB	DS	HYNIX	H5TQ2G83BFR PBC	-	1.5V	●	●	●
SANMAX	SMD-8G28NP-16KM	8GB	DS	ELPIDA	J4208BBBG-GN-F	-	1.50V	●	●	
Silicon Power	SP002GBLTU160V02(XMP)	2GB	SS	S-POWER	20YT5NG-1201	-	1.5V	●	●	●
Silicon Power	SP004GBLTU160V02(XMP)	4GB	DS	S-POWER	20YT5NG-1201	-	-	●	●	●
V-COLOR	TD4G8C11-H11	4GB	SS	HYNIX	H5TQ4G83MFR	-	1.5V	●	●	●

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

DDR3 1333 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
SMART	SH5126UD325893HE	4GB	DS	SEC 343 BYKO	K4B2GO8460	9-9-9-24-33	1.5V	●	●	
SMART	SH5126UD325893SQ	4GB	DS	SEC 343 BYKO	K4B2GO8460	9-9-9-24-33	1.5V	●	●	
KINGSTON	KVR1333D3N9/4G	4GB	DS	KTC	D2568JENCNGD9U	9-9-9-24-33	1.5V	●	●	
A-DATA	AD3U1333C2G9	2GB	SS	A-DATA	3CCD-1509HNA1126L	-	1.5V	●	●	●
A-DATA	AX3U1333C2G9-BP	2GB	SS	-	-	-	1.5V	●	●	●
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	9	1.5V	●	●	●
Apacer	AU02GFA33C9NBGC	2GB	DS	Apacer	AM5D5808APQSBG	-	1.5V	●	●	●
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	-	1.5V	●	●	
CORSAIR	CMV4GX3M1A1333C9	4GB	SS	CORSAIR	512M8DCJGELBO3O1319	-	1.50V	●	●	●
CORSAIR	TR3X6G1333C9 G	6GB(3x 2GB)	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	CM3X4GA1333C9N2	4GB	DS	CORSAIR	256MBDCJGELC0401136	9-9-9-24	1.5V	●	●	●
CORSAIR	CMX4GX3M1A1333C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	CMD8GX3M4A1333C7	8GB(4 x 2GB)	DS	-	-	7-7-7-20	1.60V	●		
CORSAIR	CMV8GX3M1A1333C9	8GB	DS	CORSAIR	512M8DCJGELAO401213	-	-	●	●	
CORSAIR	CMX16GX3M2A1333C9(Ver7.21)	8GB	DS	-	-	9-9-9-24	1.50V	●	●	●
G.SKILL	F3-10666CL8D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-8-24	XMP 1.35V	●	●	
G.SKILL	F3-10666CL7D-8GBRH(XMP)	8GB(2 x 4GB)	DS	-	-	7-7-7-21	1.5V	●	●	●
GEIL	GVP34GB1333C7DC	4GB(2 x 2GB)	DS	-	-	7-7-7-24	1.5V	●	●	●
Hynix	HMT325U6BFR8C-H9	2GB	SS	Hynix	H5TQ2G83BFRH9C	-	1.5V	●	●	
Hynix	HMT351U6BFR8C-H9	4GB	DS	Hynix	H5TQ2G83BFRH9C	-	1.5V	●	●	●
KINGMAX	FLFE85F-C8KF9 CAES	2GB	SS	KINGMAX	KFC8FMFXF-DXX-15A	-	1.5V	●	●	●
KINGMAX	FLFE85F-C8KL9 NAES	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A	-	1.5V	●	●	●
KINGMAX	FLFE85F-C8KM9 NAES	2GB	SS	KINGMAX	KFC8FNMXF-BXX-15A	-	1.5V	●	●	●
KINGMAX	FLFF65F-C8KL9 NEES	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A	-	1.5V	●	●	●
KINGMAX	FLFF65F-C8KM9 NEES	4GB	DS	KINGMAX	KFC8FNMXF-BXX-15A	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G(矮版)	2GB	SS	Hynix	H5TQ2G83AFRH9C	9	1.5V	●	●	●
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IID77 D9LGK	-	1.5V	●	●	●
KINGSTON	KVR1333D3S8N9/2G-SP(矮版)	2GB	SS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G(矮版)	2GB	DS	ELPIDA	J1108BFBG-DJ-F	9	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G-SP(矮版)	2GB	DS	KTC	D1288JEMFNGD9U	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G-SP(矮版)	2GB	DS	KINGSTON	D1288JPSFPGD9U	-	1.5V	●	●	●
KINGSTON	KHX1333C7D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	7	1.65V	●	●	●
KINGSTON	KVR1333D3N9/4G(矮版)	4GB	DS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	●	●	●
KINGSTON	KVR13N9S8/4-SP（矮版）	4GB	SS	NANYA	NT5CC512MDDN-CG	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/4G	4GB	DS	KTC	D2568JENCNGD9U	-	1.5V	●	●	●
KINGSTON	KVR13N9S8/4矮版）	4GB	SS	KINGSTON	D5128GC28PGG8U	-	1.5V	●	●	
KINGSTON	KVR1333D3N9/4G-SP(矮版)	4GB	DS	KINGSTON	D2568JENCPGD9U	-	1.5V	●	●	●
Micron	MT8JTF25664AZ-1G4D1	2GB	SS	Micron	OJD12D9LGK	-	1.5V	●	●	●
Micron	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	IJM22 D9PFJ	-	1.5V	●	●	●
Micron	MT16JTF51264AZ-1G4D1	4GB	DS	Micron	OLD22D9LGK	-	1.5V	●	●	●
NANYA	NT4GC64B8HG0NF-CG	4GB	DS	NANYA	NT5CB256M8GN-CG	-	1.5V	●	●	●
PSC	AL8F8G73F-DJ2	2GB	DS	PSC	A3P1GF3FGF	-	1.5V	●	●	●
SAMSUNG	M378B5773DH0-CH9	2GB	SS	SAMSUNG	K4B2G0846D	-	1.5V	●	●	●
SAMSUNG	M378B1G73AH0-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	1.5V	●	●	
Super Talent	W1333UB2GS	2GB	DS	SAMSUNG	K4B1G0846F	9	1.5V	●	●	●
Super Talent	W1333UB4GS	4GB	DS	SAMSUNG	K4B2G0846C	-	1.5V	●	●	●
Super Talent	W1333UX6GM	6GB(3x 2GB)	DS	Micron	0BF27D9KPT	9-9-9-24	1.5V	●	●	●
AMD	AE32G1339U1-U	2GB	SS	AMD	23EY4587MB3H11503M	9-9-9-24	1.5V	●	●	●
AMD	AE34G1339U2-U	4GB	DS	AMD	23EY4587MB3H11503M	9-9-9-24	1.5V	●	●	●
ASint	SLZ302G08-EDJ1C	2GB	SS	Asint	SLZ302G08-DJ1C	-	1.5V	●	●	
Asint	SLA304G08-EDJ1B	4GB	SS	Asint	304G08-DJ1B1301	-	-	●	●	●
ASint	SLA302G08-EDJ1C	4GB	DS	Asint	SLA302G08-DJ1C	-	1.5V	●	●	●
ASint	SLB304G08-EDJ1B	8GB	DS	Asint	SLB304G08-DJ1B	-	1.5V	●	●	●
Elixir	M2F2G64CB88B7N-CG	2GB	SS	Elixir	N2CB2G80BN-CG	-	1.5V	●	●	●
Elixir	M2F2G64CB88D7N-CG	2GB	SS	Elixir	N2CB2G80DN-CG	-	1.5V	●	●	●
Elixir	M2F2G64CB88G7N-CG	2GB	SS	Elixir	N2CB2G80GN-CG	-	-	●	●	●
Elixir	M2F4G64CB8HB5N-CG	4GB	DS	Elixir	N2CB2G80BN-CG	-	1.5V	●	●	●
Elixir	M2F4G64CB8HD5N-CG	4GB	DS	Elixir	N2CB2G80DN-CG	-	1.5V	●	●	●
HMD	HMDD304GU648S1B9C-MEX	4GB	SS	UUJK	512X8DDR3 WT	-	1.5V	●	●	●
HMD	HMDD308GU648D1B9C-MEX	8GB	DS	FFCT	512X8DDR3 WT	-	1.5V	●	●	
KINGSHARE	KSRPCD313332G	2GB	DS	PATRIOT	PM128M8D385-15	-	1.5V	●	●	●
KINGSTEK	KSTD3PC-10600	2GB	SS	MICRON	PE911-125E	-	1.5V	●	●	●
MARKVISION	BMD32048M1333C9-1123	2GB	DS	MARKVISION	M3D1288P-13	-	1.50V	●	●	●
MARKVISION	BMD34096M1333C9-1124	4GB	DS	MARKVISION	M3D2568E-13	-	1.50V	●	●	●
PATRIOT	PG38G1333EL(XMP)	8GB	DS	-	-	9-9-9-24	1.5V	●	●	
RAMAXEL	RMR1870ED48E8F-1333	2GB	DS	ELPIDA	J1108BDBG-DJ-F	-	-	●	●	●
RAMAXEL	RMR1870EC58E9F-1333	4GB	DS	ELPIDA	J2108BCSE-DJ-F	-	1.50V	●	●	●
RiDATA	C304627CB1AG22Fe	2GB	DS	RiDATA	N/A	9	1.5V	●	●	●
RiDATA	E304459CB1AG32Cf	4GB	DS	RiDATA	N/A	9	1.5V	●	●	●
Silicon Power	SP002GBLTU133V02	2GB	SS	S-POWER	20YT3NG-1202	-	1.5V	●	●	●
Silicon Power	SP004GBLTU133V02	4GB	DS	S-POWER	20YT3NG-1201	-	1.5V	●	●	
SMART	SH5126UD325893HE	4GB	DS	SEC 343 BYKO	K4B2GO8460	-		●	●	
SMART	SH5126UD325893SQ	4GB	DS	SEC 343 BYKO	K4B2GO8460	-		●	●	
WINTEC	3WVS31333-2G-CNR	2GB	DS	AMPO	AM3420803-13H	-	1.5V	●	●	●
Transcend	JM1333KLN-2G	2GB	SS	HYNIX	H5TQ2G83BZRH9C		1.5V	●	●	●

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DDR3 1067 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
Crucial	CT25664BA1067.16FF	2GB	DS	Micron	9HF22D9KPT	7	-	●	●	
ELPIDA	EBJ21UE8EDF0-AE-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low voltage)	●	●	●
KINGSTON	KVR1066D3N7/2G	2GB	DS	ELPIDA	J1108BFSE-DJ-F	-	1.5V	●	●	●
G.SKILL	F3-8500CL6D-2GBHK	1GB	SS	G.SKILL	N/A	-	1.5V	●	●	
ELIXIR	N/A	2GB	DS	N/A	N/A	7	1.5V	●	●	
KINGSTON	KVR1066D3N7/2G	2GB	DS	ELPIDA	N/A	-	1.5V	●	●	

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

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 eithor the gray slots or the black slots as one pair of Dual-channel memory configuration
- **4 DIMM**: Supports 4 modules inserted into both the gray and black slots as two pairs of Dual-channel memory configuration

- Due to Intel® H97 chipset limitation, DDR3 1600 MHz and higher memory modules on XMP mode will run at the maximum transfer rate of DDR3 1600 Mhz.

- 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 overclockin may