H87 series

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	●	●	●
KINGSTON	KVR1066D3N7/2G	2GB	DS	ELPIDA	J1108BFSE-DJ-F	-	1.5V	●	●	●
KINGSTON	KVR1066D3N7/4G	4GB	DS	Hynix	H5TQ2G83AFR	7	1.5V	●	●	●

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
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	HMDD302GU648S1B9C-MEX	2GB	SS	ERTH	256X8DDR3 WT	-	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	●	●	●
MARKVISION	BMD32048M1333C9-1123	2GB	DS	MARKVISION	M3D1288P-13	-	-	●	●	●
MARKVISION	BMD34096M1333C9-1124	4GB	DS	MARKVISION	M3D2568E-13	-	-	●	●	●
PATRIOT	PSD32G13332H	2GB	DS	-	-	-	1.5V	●	●	●
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	-	-	●	●	●
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	●	●	
TAKEMS	TMS2GB364D082-138EW	2GB	DS	-	-	8-8-8-24	1.5V	●	●	●
UMAX	E41302GP0-73BDB	2GB	DS	UMAX	U2S24D30TP-13	-	1.5V	●	●	●
WINTEC	3WVS31333-2G-CNR	2GB	DS	AMPO	AM3420803-13H	-	1.5V	●	●	●
CORSAIR	CMX4GX3M1A1333C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	●
TEAM	TED34GM1333C9BK	4GB	DS	HYNIX	DWLDL9J5HL	9-9-9-24	1.5V	●	●	●
TEAM	TED38GM1333C9BK	8GB	DS	HYNIX	DT38J3bbDHJ	9-9-9-24	1.5V	●	●	●
A-DATA	AD3U1333C2G9	2GB	SS	A-DATA	3CCD-1509HNA1126L	-	-	●	●	●
A-DATA	AX3U1333C2G9-BP	2GB	SS	-	-	-	-	●	●	●
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	-	●	●	●
Apacer	AU02GFA33C9NBGC	2GB	DS	Apacer	AM5D5808APQSBG	-	-	●	●	●
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	-	-	●	●	●
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	-	●	●	●
CORSAIR	CMX4GX3M1A1333C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●	●
CORSAIR	CMD8GX3M4A1333C7	8GB(4 x 2GB)	DS	-	-	7-7-7-20	1.60V	●	●	●
Crucial	CT25664BA1339.16FF	2GB	DS	Micron	9KF27D9KPT	9	-	●	●	●
Crucial	BL25664BN1337.16FF (XMP)	6GB(3 x 2GB)	DS	-	-	7-7-7-24	1.65V	●	●	●
ELPIDA	EBJ21UE8EDF0-DJ-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V(low	●	●	●
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	GG34GB1333C9DC	4GB(2 x 2GB)	DS	GEIL	GL1L128M88BA12N	9-9-9-24	1.3V(low voltage)	●	●	●
GEIL	GV34GB1333C9DC	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V	●	●	●
GEIL	GVP34GB1333C7DC	4GB(2 x 2GB)	DS	-	-	7-7-7-24	1.5V	●	●	●
Hynix	HMT325U6BFR8C-H9	2GB	SS	Hynix	H5TQ2G83BFRH9C	-	-	●	●	●
Hynix	HMT125U6TFR8A-H9	2GB	DS	Hynix	H5TC1G83TFRH9A	-	1.35V(low	●	●	●
Hynix	HMT351U6BFR8C-H9	4GB	DS	Hynix	H5TQ2G83BFRH9C	-	-	●	●	●
KINGMAX	FLFE85F-C8KF9 CAES	2GB	SS	KINGMAX	KFC8FMFXF-DXX-15A	-	-	●	●	●
KINGMAX	FLFE85F-C8KL9 NAES	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	●	●	
KINGMAX	FLFE85F-C8KM9 NAES	2GB	SS	KINGMAX	KFC8FNMXF-BXX-15A	-	-	●	●	
KINGMAX	FLFE85F-B8KL9 NEES	2GB	DS	KINGMAX	KKB8FNWBFGNX-26A	-	-	●	●	●
KINGMAX	FLFF65F-C8KL9 NEES	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	●	●	●
KINGMAX	FLFF65F-C8KM9 NEES	4GB	DS	KINGMAX	KFC8FNMXF-BXX-15A	-	-	●	●	●
KINGSTON	KVR1333D3N9/2G(Low Profile)	2GB	SS	Hynix	H5TQ2G83AFRH9C	9	-	●	●	●
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IID77 D9LGK	-	1.5V	●	●	●
KINGSTON	KVR1333D3S8N9/2G-SP(Low	2GB	SS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G(Low Profile)	2GB	DS	ELPIDA	J1108BFBG-DJ-F	9	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G-SP(Low	2GB	DS	KTC	D1288JEMFNGD9U	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/2G-SP(Low	2GB	DS	KINGSTON	D1288JPSFPGD9U	-	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(Low Profile)	4GB	DS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/4G	4GB	DS	KTC	D2568JENCNGD9U	-	1.5V	●	●	●
KINGSTON	KVR1333D3N9/4G	4GB	DS	Hynix	H5TQ2G83AFR	-	-	●	●	●
KINGSTON	KVR1333D3N9/4G-SP(Low	4GB	DS	KINGSTON	D2568JENCPGD9U	-	1.5V	●	●	●
Micron	MT8JTF25664AZ-1G4D1	2GB	SS	Micron	OJD12D9LGK	-	-	●	●	●
Micron	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	IJM22 D9PFJ	-	-	●	●	●
Micron	MT16JTF51264AZ-1G4D1	4GB	DS	Micron	OLD22D9LGK	-	-	●	●	●
NANYA	NT4GC64B8HG0NF-CG	4GB	DS	NANYA	NT5CB256M8GN-CG	-	-	●	●	●
PSC	AL8F8G73F-DJ2	2GB	DS	PSC	A3P1GF3FGF	-	-	●	●	●
SAMSUNG	M378B5773DH0-CH9	2GB	SS	SAMSUNG	K4B2G0846D	-	-	●	●	●
SAMSUNG	M378B5673FH0-CH9	2GB	DS	SAMSUNG	K4B1G0846F	-	-	●	●	●
SAMSUNG	M378B5273CH0-CH9	4GB	DS	SAMSUNG	K4B2G0846C	-	-	●	●	●
SAMSUNG	M378B1G73AH0-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	-	●	●	
Super Talent	W1333UB2GS	2GB	DS	SAMSUNG	K4B1G0846F	9	-	●	●	●
Super Talent	W1333UB4GS	4GB	DS	SAMSUNG	K4B2G0846C	-	-	●	●	●
Super Talent	W1333UX6GM	6GB(3x 2GB)	DS	Micron	0BF27D9KPT	9-9-9-24	1.5V	●	●	●
Transcend	JM1333KLN-2G	2GB	SS	HYNIX	H5TQ2G83BZRH9C	-	-	●	●	●
Transcend	8G DDR3 1333 DIMM CL9	8GB	DS	Transcend	E207X8BO643Y	-	-	●	●	
Transcend	8G DDR3 1333 DIMM CL9	8GB	DS	-	N/A	-	-	●	●	

KINGSTEK	KSTD3PC-10600	2GB	SS	MICRON	PE911-125E	-	-	●	●	●
TEAM	TED34G1333HC9BK	4GB	DS	-	-	9-9-9-24	-	●	●	
TEAM	TED38G1333HC9BK	8GB	DS	-	-	9-9-9-24	-	●	●	●

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
APACER	4GB UNB PC3-12800 CL11	4GB	SS	APACER	AM5D6008BQQSCK	-	-	●	●	●
Apacer	78.B1GE3.9L10C	4GB	DS	Apacer KZZC	AM5D5908DEQSCK	-	-	●	●	●
APACER	8GB UNB PC3-12800 CL11	8GB	DS	APACER	AM5D6008BQQSCK	-	-	●	●	●
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	CMX4GX3M2A1600C9(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	●
CORSAIR	TR3X6G1600C8 G(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8-24	1.65V	●	●	●
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	CMX8GX3M4A1600C9(XMP)	8GB(4 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	●
CORSAIR	CMZ8GX3M1A1600C10(XMP)	8GB	DS	-	-	10-10-10-27	1.50V	●	●	●
Crucial	BL25664BN1608.16FF(XMP)	6GB(3 x 2GB)	DS	-	-	-	1.65V	●	●	●
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	F3-12800CL8D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.60V	●	●	
G.SKILL	F3-12800CL9D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	XMP 1.35V	●	●	
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	-	●	●	●
GEIL	GET316GB1600C9QC(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-28	1.6V	●	●	●
HYNIX	HMT351U6CFR8C-PB	4GB	DS	HYNIX	H5TQ2G83CFR PBC	-	-	●	●	●
KINGMAX	FLGE85F-B8KJ9A FEIS(XMP)	2GB	DS	-	-	-	1.5V	●	●	●
KINGMAX	FLGE85F-B8MF7 MEEH(XMP)	2GB	DS	-	-	7	1.8V/1.9V	●		
KINGSTON	KHX1600C9D3P1K2/4G	4GB(2 x 2GB)	SS	-	-	-	1.5V	●	●	
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	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	KHX1600C8D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65V	●	●	●
KINGSTON	KHX1600C8D3T1K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	8	1.65V	●	●	●
KINGSTON	KHX1600C9D3K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	1.65V	●	●	●
KINGSTON	KHX1600C9D3LK2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9	XMP 1.35V	●	●	●
KINGSTON	KHX1600C9D3X2K2/4GX(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-27	1.65V	●	●	●
KINGSTON	KVR16N11/4(Low Profile)	4GB	DS	KINGSTON	D2568GEROPGGBU	-	1.5V	●	●	●
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	-	1.65V	●	●	
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9	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	●	●	
PSC	AL9F8L93B-GN2E	4GB	SS	PSC	XHP284C3G-M	-	-	●	●	●
PSC	ALAF8L93B-GN2E	8GB	DS	PSC	XHR425C3G-M	-	-	●	●	●
Transcend	8G DDR3 1600 DIMM CL11	8GB	DS	SEC 222	6MD9639W	-	-	●	●	●
Transcend	8G DDR3 1600 DIMM CL11	8GB	DS	Transcend	E223X8BO648S	-	-	●	●	●
ADATA	AD3U1600C2G11-B	2GB	SS	-	N/A	-	-	●	●	●
ADATA	AD3U1600W4G11-B	4GB	SS	ADATA	F209X8BR6413	-	-	●	●	●
ADATA	AX3U1600GW8G9	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5V	●	●	●
ADATA	AX3U1600W8G11	16GB (2x 8GB)	DS	-	-	11-11-11-28	1.5V	●	●	●
ADATA	AXDU1600GW8G9B	16GB (2x 8GB)	DS	-	-	11-11-11-28	1.5V	●	●	
ADATA	AD3U1600C4G11-B	4GB	DS	-	N/A	-	-	●	●	●
ADATA	AD3U1600W8G11-B	8GB	DS	ADATA	F211X8B0640A	-	-	●	●	
SanMax	SMD-4G68HP-16KZ	4GB	DS	HYNIX	H5TQ2G83BFR PBC	-	-	●	●	●
TEAM	TED34G1600HC11BK	4GB	DS	-	-	11-11-11-28	-	●	●	●
TEAM	TLD34G1600HC9BK(XMP)	4GB	DS	-	-	9-9-24	1.5V	●	●	●
Team	TED38G1600HC11BK	8GB	DS	-	-	11-11-11-28	-	●	●	●
AMD	AE32G1609U1-U	2GB	SS	-	23EY4587MB6H11503M	9-9-9-24	1.5V	●	●	●
AMD	AE34G1609U2-U	4GB	DS	AMD	23EY4587MB6H11503M	9-9-9-24	1.5V	●	●	●
ASint	SLZ302G08-EGN1C	2GB	SS	Asint	SLZ302G08-GN1C	-	-	●	●	●
Asint	SLA304G08-ENG1B	4GB	SS	Asint	304G08-GN1B1301	-	-	●	●	●
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D	9-9-9-24	1.6V	●	●	●
Asint	SLA302G08-EGG1C(XMP)	4GB	DS	Asint	302G08-GG1C	-	-	●	●	●
Asint	SLA302G08-EGJ1C(XMP)	4GB	DS	Asint	302G08-GJ1C	-	-	●	●	●
ASint	SLA302G08-EGN1C	4GB	DS	Asint	SLA302G08-GN1C	-	-	●	●	●
Asint	SLB304G08-EGJ1B	8GB	DS	-	-	-	-	●	●	●
ASint	SLB304G08-EGN1B	8GB	DS	Asint	SLB304G08-GN1B	-	-	●	●	●
Eliexr	M2P2G64CB8HC9N-DG	2GB	DS	-	-	-	-	●	●	
Elixir	M2P2G64CB8HC9N-DG(XMP)	2GB	DS	-	-	-	1.65V/1.65V	●	●	
Elixir	M2X8G64CB8HB5N-DG(XMP)	8GB	DS	Elixir 1213	N2CB4G8BOBN-DG	-	-	●	●	●
PATRIOT	PGD316G1600ELK(XMP)	32GB(8GBx4)	DS	-	-	9-9-9-24	1.65V	●	●	
PATRIOT	PGS34G1600LLKA	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.7V	●	●	
PATRIOT	PV332G160C9QK	8GB	DS	-	-	-	1.5V	●	●	●
Silicon Power	SP002GBLTU160V02(XMP)	2GB	SS	S-POWER	20YT5NG-1201	-	-	●	●	●
Silicon Power	SP004GBLTU160V02(XMP)	4GB	DS	S-POWER	20YT5NG-1201	-	-	●	●	●
CORSAIR	CMY8GX3M2A1600C9	4GB	SS	-	-	9-9-9-24	1.50V	●	●	●
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	CML16GX3M2A1600C10	8GB	DS	-	-	10-10-10-27	1.50V	●	●	●
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	●	●	●
Transcend	TS512MLK64W6H	4GB	SS	SEC 234 HYKO	K4B4GO8468	-	-	●		
Transcend	TS1GLK64W6H	8GB	DS	SEC 234 HYKO	K4B4GO8468	-	-	●	●	●
KINGSTON	KVR16N11S8/4(Low Profile)	4GB	SS	KINGSTON	U317X8BRRA19	-	1.50V	●	●	●

SANMAX	SMD-4G28N1P-16KM	4GB	SS	ELPIDA	J4208BBBG-GN-F	-	-	●	●	●
SANMAX	SMD-8G28NP-16KM	8GB	DS	ELPIDA	J4208BBBG-GN-F	-	1.50V	●	●	●
TEAM	TLD34G1600HCBK	4GB	SS	-	-	9-9-9-24	1.5V	●	●	●
TEAM	TED34GM1600C11BK	4GB	DS	HYNIX	DW3DJJ273	-	1.5V	●	●	●
TEAM	TED38GM1600C11BK	8GB	DS	HYNIX	DT38J3bb4AM	11-11-11-28	1.5V	●	●	●
TEAM	TLD38G1600HC9BK	8GB	DS	-	-	9-9-9-24	1.5V	●	●	●
ADATA	AX3U1600W8G9-DB	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5V	●	●	●
MIRAGES	KMD3U1600V4G(PC3-12/00U)	4GB	SS	-	SEC246BCKOK4B4GO846	-	-	●	●	●

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	CMT4GX3M2A1866C9(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65V	●	●	
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	●	●	●
CRUCIAL	BLE4G3D1869DE1TXO.16FMD(X	4GB	DS	-	-	9-9-9-27	1.5V	●	●	
CRUCIAL	BLT4G3D1869DT1TX0.13FKD(XM	4GB	DS	-	-	9-9-9-27	1.5V	●	●	●
CRUCIAL	BLT4G3D1869DT2TXOB.16FMR(	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-	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	●	●	●
ADATA	AX3U1866XW8G10	16GB (2x 8GB)	DS	-	-	10-11-10-30	1.5V	●	●	●
Team	TLD34G1866H9KBK	4GB	DS	-	-	9-11-9-27	1.5V	●		
Team	TLD38G1866HC10SBK	8GB	DS	-	-	10-11-10-30	1.5V	●	●	●
AMD	AP38G1869U2K	8GB(4GBX2)	DS	-	-	9-10-9-27	1.5V	●		
TEAM	TED34GM1866C13BK	4GB	DS	HYNIX	DW3DJ472B3	-	1.5V	●	●	●
TEAM	TLD34G1866HC9KBK	4GB	DS	-	-	9-11-9-27	1.5V	●		●
TEAM	TED38GM1866C13BK	8GB	DS	HYNIX	DT38G54BHM	-	1.5V	●	●	
TEAM	TLD38G1866HC10SBK	8GB	DS	-	-	10-11-10-30	1.5V	●	●	

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
Apacer	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	1.65V		●	●
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	F3-16000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-27	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	KHX2000C9AD3W1K2/4GX(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	●	●	

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	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	CMT8GX3M2B2133C9(XMP)	8GB (4GB x 2)	DS	-	-	9-11-9-27	1.50V	●	●	●
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	●	●	
GEIL	GU34GB2133C9DC(XMP)	4GB(2 x 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	AX3U2133XW8G10	16GB (2x 8GB)	DS	-	-	10-11-11-30	1.65V	●	●	●
ADATA	AX3U2133XC4G10-2X(XMP)	4GB	DS	-	-	10-11-11-30	1.65V	●	●	●
ADATA	AX3U2133XW8G10-2X(XMP)	8GB	DS	-	-	10-11-11-30	1.65V	●	●	●
Team	TXD34096M2133HC11-L	4GB	SS	-	-	-	1.5V	●	●	●
Team	TLD38G2133HC11ABK	8GB	DS	-	-	11-11-11-31	1.65V	●	●	
AMD	AP38G2133U2K	4GB	DS	-	-	11-12-11-30	1.65V	●	●	
TEAM	TLD34G2133HC11ABK	4GB	SS	-	-	11-11-11-31	1.65V	●	●	●
TEAM	TLD38G2133HC11ABK	8GB	DS	-	-	11-13-13-31	1.65V	●		

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	●	●	●
KINGMAX	FLKE85F-B8KHA EEIH(XMP)	4GB(2 x 2GB)	DS	-	-	-	1.65V	●	●	
KINGMAX	FLKE85F-B8KJA FEIH(XMP)	4GB(2 x 2GB)	DS	-	-	-	1.65V	●	●	

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	●	●	●

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	●	●	
G.SKILL	F3-2400C10D-8GTX(XMP)	8GB(2x 4GB)	SS	-	-	10-12-12-31	1.65V	●	●	●
G.SKILL	F3-19200CL11Q-	16GB (4GB x4)	DS	-	-	11-11-11-31	1.65V	●		
G.SKILL	F3-19200CL9D-4GBPIS(XMP)	4GB(2x 2GB)	DS	-	-	9-11-9-28	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	AX3U2400GW8G11	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65V	●	●	
ADATA	AX3U2400G4G10-DG2(XMP)	4GB	DS	-	-	10-12-12-31	1.65V	●	●	●
Team	TXD38G2400HC10QBK	8GB	DS	-	-	10-12-12-31	1.65V	●	●	●
CORSAIR	CMD16GX3M2A2400C9(Ver4.21)	8GB	DS	-	-	10-12-12-31	1.65V	●	●	●
TEAM	TXD38G2400HC10QBK	8GB	DS	-	-	10-12-12-31	1.62V	●	●	●

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	●	●	●

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	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	●	●	●
Team	TXD34G2666HC11CBK	8GB (2x 4GB)	SS	-	-	11-13-13-35	1.65V	●	●	●
Team	TXD38G2666HC11CBK	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65V	●	●	●
TEAM	TXD38G2666HC11CBK	8GB	DS	-	-	11-13-13-35	1.65V		●	

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	-	0	11-13-13-35	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	●	●	

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	●		

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 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.