

**DDR3 1067 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>KINGSTON</b>	KVR1066D3N7/1G(矮版)	1GB	SS	ELPIDA	J1108BFSE-DJ-F	7	1.5V	<	<	<
<b>Vendor</b>	<b>PartNum.</b>	<b>Size</b>	<b>SS/DS</b>	<b>Chip Brand</b>	<b>ChipNum.</b>	<b>Timing - Dimm</b>	<b>Vol.</b>			

**DDR3 1333 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>A-DATA</b>	AD6311B0823EV	2GB	SS	A-Data	3CCA-1509A	-	-	<	<	<
<b>A-DATA</b>	AM2U139C2P1	2GB	SS	ADATA	3CCD-1509A EL1127T	-	-	<	<	<
<b>A-DATA</b>	AXDU1333GC2G9-2G(XMP)	4GB(2 x 2GB)	SS	-	-	9-9-9-24	1.25V-1.35V(low voltage)	<	<	<
<b>A-DATA</b>	AD6311C1624EV	4GB	DS	A-Data	3CCA-1509A	-	-	<	<	<
<b>A-DATA</b>	AM2U139C4P2	4GB	DS	ADATA	3CCD-1509A EL1127T	-	-	<	<	<
<b>Apacer</b>	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	-	-	<	<	<
<b>CORSAIR</b>	TR3X6G1333C9 G	6GB(3x 2GB)	SS	-	-	9-9-9-24	1.50V	<	<	<
<b>CORSAIR</b>	CMD24GX3M6A1333C9(XMP)	24GB(6x4GB)	DS	-	-	9-9-9-24	1.60V	<	<	<
<b>CORSAIR</b>	CMD8GX3M4A1333C7	8GB(4 x 2GB)	DS	-	-	7-7-7-20	1.60V	<	<	<
<b>G.SKILL</b>	F3-10600CL9D-2GBNQ	2GB(2 x 1GB)	SS	-	-	9-9-9-24	1.5V	<	<	<
<b>G.SKILL</b>	F3-10666CL8D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	XMP 1.35V	<	<	<
<b>GEIL</b>	GVP34GB1333C7DC	4GB(2 x 2GB)	DS	-	-	7-7-7-24	1.5V	<	<	<
<b>KINGMAX</b>	FLFE85F-C8KL9 NAES	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	<	<	<
<b>KINGMAX</b>	FLFF65F-C8KL9 NEES	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/1G(矮版)	1GB	SS	ELPIDA	J1108BDBG-DJ-F	9	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3S8N9/2G	2GB	SS	Micron	IID77 D9LGK	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3S8N9/2G-SP(矮版)	2GB	SS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/2G(矮版)	2GB	DS	ELPIDA	J1108BFBG-DJ-F	9	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/2G-SP(矮版)	2GB	DS	KTC	D1288JEMFNGD9U	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/2G-SP(矮版)	2GB	DS	KINGSTON	D1288JPSFPGD9U	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/4G(矮版)	4GB	DS	ELPIDA	J2108BCSE-DJ-F	9	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/4G(矮版)	4GB	DS	ELPIDA	J2108BCSE-DJ-F	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/4G	4GB	DS	KTC	D2568JENCNGD9U	-	1.5V	<	<	<
<b>KINGSTON</b>	KVR1333D3N9/4G-SP(矮版)	4GB	DS	KINGSTON	D2568JENCNGD9U	-	1.5V	<	<	<
<b>SAMSUNG</b>	M378B5773DH0-CH9	2GB	SS	SAMSUNG	K4B2G0846D	-	-	<	<	<
<b>SAMSUNG</b>	M378B1G73AH0-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	-	<	<	<
<b>Transcend</b>	JM1333KLN-2G	2GB	SS	Micron	0YD77D9LGK	-	-	<	<	<
<b>Transcend</b>	JM1333KLN-2G	2GB	SS	Hynix	H5TQ2G83BZRH9C	-	-	<	<	<
<b>Transcend</b>	JM1333KLU-2G	2GB	DS	Transcend	TK243PDF3	-	-	<	<	<
<b>Elixir</b>	M2F2G64CB88D7N-CG	2GB	SS	Elixir	N2CB2G80DN-CG	-	-	<	<	<
<b>Elixir</b>	M2F4G64CB88D5N-CG	4GB	DS	Elixir	N2CB2G80DN-CG	-	-	<	<	<
<b>RiDATA</b>	C304627CB1AG22Fe	2GB	DS	RiDATA	N/A	9	-	<	<	<
<b>RiDATA</b>	E304459CB1AG32Cf	4GB	DS	RiDATA	N/A	9	-	<	<	<
<b>Vendor</b>	<b>PartNum.</b>	<b>Size</b>	<b>SS/DS</b>	<b>Chip Brand</b>	<b>ChipNum.</b>	<b>Timing - Dimm</b>	<b>Vol.</b>			

**DDR3 1600 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>A-DATA</b>	AX3U1600XB2G79-2X(XMP)	4GB(2 x 2GB)	DS	-	-	7-9-7-21	1.55V-1.75V	<	<	<
<b>A-DATA</b>	AX3U1600GC4G9-2G(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-24	1.55V-1.75V	<	<	<
<b>A-DATA</b>	AX3U1600XC4G79-2X(XMP)	8GB(2 x 4GB)	DS	-	-	7-9-7-21	1.55V-1.75V	<	<	<
<b>CORSAIR</b>	CMD12GX3M6A1600C8(XMP)	12GB(6x2GB)	DS	-	-	8-8-8-24	1.65V	<	<	<
<b>CORSAIR</b>	CMP4GX3M2A1600C9(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65V	<	<	<
<b>CORSAIR</b>	CMP4GX3M2C1600C7(XMP)	4GB(2 x 2GB)	DS	-	-	7-8-7-20	1.65V	<	<	<

<b>CORSAIR</b>	CMP8GX3M2A1600C9(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-24	1.65V	<	<	<
<b>G.SKILL</b>	F3-12800CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.5V	<	<	<
<b>KINGSTON</b>	KHX1600C9D3P1K2/4G	4GB(2 x 2GB)	SS	-	-	-	1.5V	<	<	<
<b>KINGSTON</b>	KHX1600C9AD3/2G	2GB	DS	-	-	-	1.65V	<	<	<
<b>KINGSTON</b>	KHX1600C9D3T1BK3/6GX(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	1.65V	<	<	<
<b>KINGSTON</b>	KHX1600C9D3K2/8GX(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-27	1.65V	<	<	<
<b>KINGSTON</b>	KHX1600C9D3P1K2/8G	8GB(2 x 4GB)	DS	-	-	-	1.5V	<	<	<
<b>Elixir</b>	M2P2G64CB8HC9N-DG(XMP)	2GB	DS	-	-	-	-	<	<	<
<b>Vendor</b>	<b>PartNum.</b>	<b>Size</b>	<b>SS/DS</b>	<b>Chip Brand</b>	<b>ChipNum.</b>	<b>Timing - Dimm</b>	<b>Vol.</b>			

#### DDR3 1866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>CORSAIR</b>	CMZ8GX3M2A1866C9(XMP)	8GB(2 x 4GB)	DS	-	-	9-10-9-27	1.50V	<	<	<
<b>G.SKILL</b>	F3-14900CL9D-8GBXL(XMP)	8GB(2 x 4GB)	DS	-	-	9-10-9-28	1.5V	<	<	<
<b>Vendor</b>	<b>PartNum.</b>	<b>Size</b>	<b>SS/DS</b>	<b>Chip Brand</b>	<b>ChipNum.</b>	<b>Timing - Dimm</b>	<b>Vol.</b>			

#### DDR3 2000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>GEIL</b>	GUP34GB2000C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65V	<	<	<
<b>Transcend</b>	TX2000KLN-8GK(XMP)	8GB(2 x 4GB)	DS	-	-	-	1.6V	<	<	<
<b>Vendor</b>	<b>PartNum.</b>	<b>Size</b>	<b>SS/DS</b>	<b>Chip Brand</b>	<b>ChipNum.</b>	<b>Timing - Dimm</b>	<b>Vol.</b>			

#### DDR3 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>A-DATA</b>	AX3U2133GC2G9B-DG2(XMP)	2GB	SS	-	-	9-11-9-27	1.55-1.75V	<	<	<
<b>CORSAIR</b>	CMT4GX3M2A2133C9(XMP)	4GB(2x 2GB)	DS	-	-	9-10-9-24	1.65V	<	<	<
<b>GEIL</b>	GE34GB2133C9DC(XMP)	2GB	DS	-	-	9-9-9-28	1.65V	<	<	<
<b>KINGSTON</b>	KHX2133C9AD3T1FK4/8GX(XMP)	8GB(4x 2GB)	DS	-	-	-	1.65V	<	<	<

#### DDR3 2200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
<b>GEIL</b>	GET34GB2200C9DC(XMP)	2GB	DS	-	-	9-10-9-28	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 either 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.