

**P8Q77-M2**

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

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
Crucial	CT12864BA1067.8FF	1GB	SS	Micron	9GF22D9KPT	7	-	•	•
ELPIDA	EBJ21UE8EDF0-AE-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V (low voltage)	•	•
KINGSTON	KVR1066D3N7/1G(矮版)	1GB	SS	ELPIDA	J1108BFSE-DJ-F	7	1.5V	•	•
Vendor	PartNum.	Size	SS/DS	Chip Brand	ChipNum.	Timing - Dimm	Vol.	0	0

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

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808DEWS BG	-	-	•	•
CORSAIR	TR3X6G1333C9 G	6GB(3x 2GB)	SS	-	-	9-9-9-24	1.50V	•	•
Crucial	CT25664BA1339.16FF	2GB	DS	Micron	9KF27D9KPT	9	-	•	•
ELPIDA	EBJ21UE8EDF0-DJ-F	2GB	DS	ELPIDA	J1108EDSE-DJ-F	-	1.35V (low voltage)	•	•
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	HMT351U6BFR8C-H9	4GB	DS	Hynix	H5TQ2G83BFRH 9C	-	-	•	•
KINGMAX	FLFE85F-B8KL9 NEES	2GB	DS	KINGMAX	KKB8FNWBFGN X-26A	-	-	•	•
KINGSTON	KVR1333D3N9/4G	4GB	DS	KTC	D2568JENCNGD 9U	-	1.5V	•	•
NANYA	NT4GC64B8HG0NF-CG	4GB	DS	NANYA	NT5CB256M8GN- CG	-	-	•	•
SAMSUNG	M378B5273CH0-CH9	4GB	DS	SAMSUNG	K4B2G0846C	-	-	•	•
Super Talent	W1333UB4GS	4GB	DS	SAMSUNG	K4B2G0846C	-	-	•	•
Vendor	PartNum.	Size	SS/DS	Chip Brand	ChipNum.	Timing - Dimm	Vol.	0	0

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

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
CORSAIR	CMD12GX3M6A1600C8(XMP)	12GB(6x2GB)	DS	-	-	8-8-8-24	1.65V	•	•
CORSAIR	TR3X6G1600C9 G(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-24	1.65V	•	•
G.SKILL	F3-12800CL7D-4GBRH(XMP)	4GB(2 x 2GB)	SS	-	-	7-7-7-24	1.6V	•	•
G.SKILL	F3-12800CL9D-8GBRL(XMP)	8GB(2 x 4GB)	DS	-	-	9-9-9-24	1.5V	•	•
GEIL	GET316GB1600C9QC(XMP)	16GB ( 4x 4GB )	DS	-	-	9-9-9-28	1.6V	•	•
KINGMAX	FLGE85F-B8KJ9A FEIS(XMP)	2GB	DS	-	-	-	-	•	•
KINGSTON	KVR1600D3N11/2G-ES	2GB	DS	KTC	DT266JFNDPLD9 U	11-11-11-28	1.35V-1.5V	•	•
KINGSTON	KHX1600C9D3P1K2/8G	8GB(2 x 4GB)	DS	-	-	-	1.5V	•	•
Super Talent	WA160UX6G9	6GB(3 x 2GB)	DS	-	-	9	-	•	•
SanMax	SMD-4G68HP-16KZ	4GB	DS	HYNIX	H5TQ2G83BFR PBC	-	-	•	•

Vendor	PartNum.	Size	SS/DS	Chip Brand	ChipNum.	Timing - Dimm	Vol.	0	0
--------	----------	------	-------	------------	----------	---------------	------	---	---

### DDR3 1866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F3-14900CL9Q-8GBXL(XMP)	8GB(2GBx4)	DS	-	-	9-9-9-24	1.6V	•	•
<b>KINGSTON</b>	KHX1866C9D3K2/8GX(XMP)	8GB(4GBX2)	DS	-	-	-	1.65V	•	•
<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>	<b>0</b>	<b>0</b>

### DDR3 2000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>Apacer</b>	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	1.65V	•	
<b>CORSAIR</b>	CMZ4GX3M2A2000C10(XMP)	4GB(2 x 2GB)	SS	-	-	10-10-10-27	1.50V	•	•
<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>	<b>0</b>	<b>0</b>

### DDR3 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>CORSAIR</b>	CMT8GX3M2B2133C9(XMP)	8GB ( 4GB x 2)	DS	-	-	9-11-9-27	1.50V	•	•
<b>KINGSTON</b>	KHX21C11T1BK2/16X(XMP)	16GB(8GBx2)	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>	<b>0</b>	<b>0</b>

### DDR3 2200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>GEIL</b>	GET38GB2200C9ADC(XMP)	4GB	DS	-	-	9-11-9-28	1.65V	•	•
<b>KINGMAX</b>	FLKE85F-B8KJAA-FEIS(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>	<b>0</b>	<b>0</b>

### DDR3 2250 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>KINGSTON</b>	KHX2250C9D3T1K2/4GX(XMP)	4GB ( 2x 2GB )	DS	-	-	-	1.65V	•	•
<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>	<b>0</b>	<b>0</b>

### DDR3 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	ocket support (O	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F3-19200CL11Q-16GBZHD(XMP1.3)	16GB ( 4GB x4 )	DS	-	-	11-11-11-31	1.65V	•	
<b>KINGSTON</b>	KHX2400C11D3K4/8GX(XMP)	8GB(4GBx2)	SS	-	-	-	1.65V	•	•
<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>	<b>0</b>	<b>0</b>

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

-Due to Intel® 3rd generation processors' behavior, DDR3 2250 (and above)/2133/1866 MHz memory module will run at DDR3 2200/2000/1800 MHz frequency as default.