

# B85M-HQ

## 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
<b>CORSAIR</b>	CMD8GX3M4A1333C7	8GB(4 x 2GB)	DS	N/A	N/A	7-7-7-20	1.60V	•	•
<b>KINGSTON</b>	KVR1333D3S8N9/2G-SP(矮版)	2GB	SS	ELPIDA	J2108BCSE-DJ-F	9-9-9-24-33	1.5V	•	•
<b>Micron</b>	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	IJM22 D9PFJ	9-9-9-24-33	1.5V	•	•
<b>NANYA</b>	NT4GC64B8HG0NF-CG	4GB	DS	NANYA	NT5CB256M8GN-CG	9-9-9-24-33	1.5V	•	•
<b>Asint</b>	SLA304G08-EDJ1B	4GB	SS	Asint	304G08-DJ1B1301	9-9-9-24-33	1.5V	•	•
<b>ASint</b>	SLA302G08-EDJ1C	4GB	DS	Asint	SLA302G08-DJ1C	9-9-9-24-33	1.5V	•	•
<b>Elixir</b>	M2F4G64CB8HD5N-CG	4GB	DS	Elixir	N2CB2G80DN-CG	9-9-9-24-33	1.5V	•	•
<b>HMD</b>	HMDD304GU648S1B9C-MEX	4GB	SS	UUJK	512X8DDR3 WT	9-9-9-24-33	1.5V	•	•
<b>HMD</b>	HMDD308GU648D1B9C-MEX	8GB	DS	FFCT	512X8DDR3 WT	9-9-9-24-33	1.5V	•	•
<b>KINGSHARE</b>	KSRPCD313332G	2GB	DS	PATRIOT	PM128M8D385-15	9-9-9-24-33	1.5V	•	•
<b>KINGSTEK</b>	KSTD3PC-10600	2GB	SS	MICRON	PE911-125E	9-9-9-24-33	1.5V	•	•

## 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
<b>CORSAIR</b>	CMZ8GX3M2A1600C7R(XMP)	8GB(2 x 4GB)	DS	N/A	N/A	7-8-7-20	1.50V	•	•
<b>CORSAIR</b>	CMV8GX3M1A1600C11	8GB	DS	CORSAIR	512M8DDLGPSBO381311	11-11-11-30-39	1.5V	•	•
<b>CORSAIR</b>	CMY32GX3M4A1600C9	8GB	DS	N/A	N/A	9-9-9-24	1.50V	•	•
<b>CORSAIR</b>	CMZ8GX3M1A1600C10(XMP)	8GB	DS	N/A	N/A	10-10-10-27	1.50V	•	•
<b>G.SKILL</b>	F3-12800CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	N/A	N/A	9-9-9-24	1.5V	•	•
<b>G.SKILL</b>	F3-12800CL7D-8GBRH(XMP)	8GB(2 x 4GB)	DS	N/A	N/A	7-8-7-24	1.6V	•	•
<b>G.SKILL</b>	F3-12800CL8D-8GBECO(XMP)	8GB(2 x 4GB)	DS	N/A	N/A	8-8-8-24	XMP 1.35V	•	•
<b>G.SKILL</b>	F3-12800CL10S-8GBXL(XMP)	8GB	DS	N/A	N/A	10-10-10-30	1.50V	•	•
<b>GEIL</b>	GET316GB1600C9QC(XMP)	16GB ( 4x 4GB )	DS	N/A	N/A	9-9-9-28	1.6V	•	•
<b>KINGSTON</b>	KHX1600C9D3K2/8GX (XMP)	4GB	SS	N/A	N/A	11-11-28-39	1.65V	•	•
<b>KINGSTON</b>	KVR16N11S8/4(矮版)	4GB	SS	KINGSTON	U317X8BRRA19	11-11-11-28-39	1.50V	•	•

**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
<b>CORSAIR</b>	CMT6GX3MA1866C9(XMP)	6GB(3 x 2GB)	DS	N/A	N/A	9-9-9-24	1.65V	●	●
<b>CORSAIR</b>	CMZ16GX3M2A1866C10(Ver4.21)	8GB	DS	N/A	N/A	10-11-10-30	1.50V	●	●
<b>CRUCIAL</b>	BLT4G3D1869DT1TX0.13FKD(XMP)	4GB	DS	N/A	N/A	9-9-9-27	1.5V	●	●
<b>G.SKILL</b>	F3-14900CL9Q-16GBZL(XMP1.3)	16GB ( 4GB x4 )	DS	N/A	N/A	9-10-9-28	1.5V	●	●
<b>G.SKILL</b>	F3-14900CL9D-8GBXL(XMP)	8GB(2 x 4GB)	DS	N/A	N/A	9-10-9-28	1.5V	●	●
<b>AMD</b>	AP38G1869U2K	8GB(4GBX2)	DS	HYNIX	H5TQ2GB3CFR	9-10-9-27	1.5V	●	●
<b>AMD</b>	AP38G1869U2K	8GB(4GBX2)	DS	N/A	N/A	9-10-9-27	1.5V	●	●
<b>PATRIOT</b>	PV138G186C9KPD000326	4GB	DS	N/A	N/A	9-9-9-24-39	1.5V	●	●
<b>TEAM</b>	TED38GM1866C13BK	8GB	DS	HYNIX	H5TQ4G83AFY	13-13-13-31	1.5V	●	●
<b>AVEXIR</b>	AVD3U0908G-4CI	8GB	DS	N/A	N/A	9-9-9-28-39	1.5V	●	●

**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
<b>CORSAIR</b>	CMD8GX3M2B2133C9(Ver5.12)	4GB	DS	N/A	N/A	9-11-11-31	1.65V	●	●
<b>CORSAIR</b>	CMD32GX3M4A2133C9(Ver4.21)	8GB	DS	N/A	N/A	9-11-11-31	1.65V	●	●
<b>KINGSTON</b>	KHX2133C11D3K4/16GX(XMP)	16GB ( 4GB x4 )	DS	N/A	N/A	9-9-9-24-33	1.65V	●	●
<b>AVEXIR</b>	AVD3U21331104G-4CI	4GB	SS	N/A	N/A		1.5V	●	

## 2 DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports 2 modules inserted into both the [blue](#) or [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.