

F2A85-M PRO**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
Transcend	8G DDR3 1333 DIMM CL9	8GB	DS	Transcend	E207X8B0643Y	-	-	•	•	
Transcend	8G DDR3 1333 DIMM CL9	8GB	DS	-	N/A	-	-	•	•	•
HMD	H added302GU648S1B9C-MEX	2GB	SS	ERTH	256X8DDR3 WT	-	1.5V	•	•	•
HMD	H added304GU648S1B9C-MEX	4GB	SS	UUJK	512X8DDR3 WT	-	1.5V	•	•	•
HMD	H added308GU648D1B9C-MEX	8GB	DS	FFCT	512X8DDR3 WT	-	1.5V	•	•	
TEAM	TED34G1333HC9BK	4GB	DS	-	-	9-9-9-24	-	•		
TEAM	TED38G1333HC9BK	8GB	DS	-	-	9-9-9-24	1.5V	•	•	•
Asint	SLA304G08-EDJ1B	4GB	SS	Asint	304G08-DJ1B1301	-	-	•	•	•

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	8GB UNB PC3-12800 CL11	8GB	DS	APACER	AM5D6008BQQSCK	-	-	•	•	•
CORSAIR	CM28GX3M1A1600C10(XMP)	8GB	DS	-	-	10-10-10-27	1.50V	•	•	•
Transcend	8G DDR3 1600 DIMM CL11	8GB	DS	SEC 222 HYKO	6MD9639W	-	-	•	•	•
Transcend	8G DDR3 1600 DIMM CL11	8GB	DS	Transcend	E223X8B0648S	-	-	•	•	
ADATA	AD3U1600C2G11-B	2GB	SS	-	N/A	-	-	•	•	
ADATA	AD3U1600W4G11-B	4GB	SS	ADATA	F209X8BR6413	-	-	•		
ADATA	AD3U1600C4G11-B	4GB	DS	-	N/A	-	-	•	•	•
ADATA	AD3U1600W8G11-B	8GB	DS	ADATA	F211X8B0640A	-	-	•		
TEAM	TED34G1600HC11BK	4GB	DS	-	-	11-11-11-28	-	•	•	•
TEAM	TLD34G1600HC9BK(XMP)	4GB	DS	-	-	9-9-24	1.5V	•	•	•
APACER	4GB UNB PC3-12800 CL11	4GB	SS	APACER	AM5D6008BQQSCK	-	-	•	•	•
G.SKILL	F3-12800CL10S-8GBXL(XMP)	8GB	DS	-	-	10-10-10-30	-	•	•	•
KINGSTON	KVR16N11/4(Low Profile)	4GB	DS	KINGSTON	D2568GEROPGGBU	-	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	-	-	•	•	•
Eliexr	M2P2G64CB8HC9N-DG	2GB	DS	-	-	-	-	•	•	•
MICRON	MT8JTF51264AZ-1G6E1	4GB	SS	MICRON	D9QBJ	-	-	•	•	•
MICRON	MT16JTF1G64AZ-1G6E1	8GB	DS	MICRON	D9QBJ	-	-	•	•	•
Transcend	TS512MLK64W6H	4GB	SS	SEC 234 HYKO	K4B4G08A468	-	-	•	•	•
Transcend	TS1GLK64W6H	8GB	DS	SEC 234 HYKO	K4B4G08A468	-	-	•	•	•
ADATA	AX3U1600GW8G9	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5V	•	•	•
ADATA	AXDU1600GW8G9B	16GB (2x 8GB)	DS	-	-	11-11-11-28	1.5V	•	•	•
Asint	SLA304G08-ENG1B	4GB	SS	Asint	304G08-GN1B1301	-	-	•	•	•
Asint	SLB304G08-EGJ1B	8GB	DS	-	-	-	-	•	•	•
PATRIOT	PV332G160C9QK	8GB	DS	-	-	-	1.5V	•	•	•

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
CRUCIAL	BLE4G3D1869DE1TX0.16FMD(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	•	•	
CRUCIAL	BLT4G3D1869DT2TX0B.16FMR(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	•	•	
AMD	AP38G1869U2K	8GB(4GBx2)	DS	-	-	9-10-9-27	1.5V	•	•	•
Team	TLD34G1866H9KBK	4GB	DS	-	-	9-11-9-27	1.5V	•		
Team	TLD38G1866HC10SBK	8GB	DS	-	-	10-11-10-30	1.5V	•	•	
CRUCIAL	BLT4G3D1869DT1TX0.13FKD(XMP)	4GB	DS	-	-	9-9-9-27	1.5V	•	•	
KINGSTON	KHX18C10T3K4/32X	8GB	DS	-	-	-	1.5V	•	•	•
ADATA	AX3U1866XW8G10	16GB (2x 8GB)	DS	-	-	10-11-10-30	1.5V	•	•	•
PATRIOT	PV138G186C9KPD000326	4GB	DS	-	-	-	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	4 DIMM
G.SKILL	F3-17000CL11Q2-64GBZLD(XMP)	8GB	DS	-	-	11-11-11-31	1.5V	•	•	
KINGSTON	KHX2133C11D3K4/16GX(XMP)	16GB (4GB x4)	DS	-	-	-	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	•	•	•
G.SKILL	F3-2133C11Q-32GZL(XMP)	8GB	DS	-	-	11-11-11-31	1.5V	•	•	•
KINGSTON	KHX21C11T3K4/32X	8GB	DS	-	-	-	1.65V	•	•	•
AMD	AG34G2130UI	4GB	SS	-	-	10-11-11-30	1.65V	•	•	
ADATA	AX3U2133XW8G10	16GB (2x 8GB)	DS	-	-	10-11-11-30	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
G.SKILL	F3-2400C10D-8GT(XMP)	8GB(2x 4GB)	SS	-	-	10-12-12-31	1.65V	•	•	•
G.SKILL	F3-19200CL 10Q-32GBZHD(XMP)	8GB	DS	-	-	10-12-12-31	1.65V	•	•	
KINGSTON	KHX2400C11D3K4/8GX(XMP)	8GB(4GBx2)	SS	-	-	-	1.65V	•		
ADATA	AX3U2400G4G10-DG2(XMP)	4GB	DS	-	-	10-12-12-31	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 **blue** slots for better overlocking 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 overlocking may operate at a lower frequency than the vendor-marked value.