

DDR3 1333 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
<b>UMAX</b>	84E44G93UM-13BPSYW	4GB	SS	UMAX	U2S96D30TP-13	1333-9-9-9-24	-	•	•
<b>UMAX</b>	84E48G93UM-13BPSYW	8GB	DS	UMAX	U2S96D30TP-13	1333-9-9-9-24	-	•	•
DDR3 1600 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
<b>A-DATA</b>	ADDU1600W4G11-B	4GB	SS	A-DATA	DWND-1211A	9-9-9-24	-	•	•
<b>A-DATA</b>	ADDU1600W8G11-B	8GB	DS	ELPIDA	J4208EBBG-GN-F	9-9-9-24	-	•	•
<b>A-DATA</b>	AX3U1600W4G9-DB(XMP)	8GB ( 2x 4GB )	SS	-	-	9-9-9-24	1.5	•	•
<b>A-DATA</b>	AX3U1600W8G9-DB(XMP)	16GB ( 2x 8GB )	DS	-	-	9-9-9-24	1.5	•	•
<b>CORSAIR</b>	CMZ16GX3M4X1600C9 (Ver8.16)(XMP)	16GB ( 4x 4GB )	DS	-	-	1600-9-9-9-24	1.5	•	•
<b>Crucial</b>	BLS4G3D1609DS1S00.16FMR(XMP)	4GB	DS	-	-	1600-9-9-9-24	1.5	•	•
<b>Hynix</b>	HMT41GU6AFR8A-PB	8GB	DS	Hynix	H5TC4G83AFR	1600-11-11-11-28-1	-	•	•
<b>Hynix</b>	HMT451U6AFR8A-PB	4GB	SS	Hynix	H5TC4G83AFR	1600-11-11-11-28-1	-	•	•
<b>Hynix</b>	HMT451U6AFR8A-PB	4GB	SS	Hynix	H5TC4G83AFR	1600-11-11-11-28-1	-	•	•
<b>KINGSTON</b>	KVR16LN11/4(矮版)	4GB	SS	Kingston	D5128EC4BPGGBU	11-11-11-28	1.35	•	•
<b>KINGSTON</b>	KVR16LN11/8	8GB	DS	Kingston	D5128EETBPGGBU	11-11-11-28	1.35	•	•
<b>Patriot</b>	PV316G160C9K(XMP)	16GB ( 2x 8GB )	SS	-	-	1600-9-9-9-24	1.5	•	•
<b>Patriot</b>	PV316G160C9K(XMP)	16GB ( 2x 8GB )	SS	-	-	1600-9-9-9-24	1.5	•	•
<b>SanMax</b>	SMD-4G28N1P-16KM	4GB	SS	ELPIDA	J4208BBBG-GN-F	1600	-	•	•
<b>SanMax</b>	SMD-8G28NP-16KM	8GB	DS	ELPIDA	J4208BBBG-GN-F	1600	-	•	•
<b>Silicon Power</b>	SP004GXLYU160NSA(XMP)	4GB	SS	-	-	1600-9-9-9-27	-	•	•
<b>Silicon Power</b>	SP008GXLYU160NSA(XMP)	8GB	DS	-	-	1600-9-9-9-27	-	•	•
<b>Team</b>	TED34GM1600C11BK	4GB	DS	Hynix	H5TQ2G83CFR	11-11-11-28	1.5	•	•
<b>Team</b>	TLD38G1600HC9BK(XMP)	8GB	DS	-	-	9-9-9-24	1.5	•	•
<b>Transcend</b>	TS1GLK64W6H	8GB	DS	SAMSUNG	K4B4G08460	1600-11-11-11-28-2	-	•	•
<b>Transcend</b>	TS512MLK64W6H	4GB	SS	SAMSUNG	K4B4G08460	1600-11-11-11-28-1	-	•	•
<b>UMAX</b>	84E44G93UM-16BPSYW	4GB	SS	UMAX	U2S96D30TP-16	1600-11-11-11-28	-	•	•
<b>UMAX</b>	84E48G93UM-16BPSYW	8GB	DS	UMAX	U2S96D30TP-16	1600-11-11-11-28	-	•	•
DDR3 1866 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
<b>CORSAIR</b>	CMZ16GX3M2A1866C9(XMP)	16GB ( 2x 8GB )	DS	-	-	1866-9-10-9-27	1.5	•	•
<b>G.SKILL</b>	F3-1866C10Q2-64GZM(XMP)	32GB ( 2x 16GB )	DS	-	-	10-11-10-30	1.5	•	•
<b>G.SKILL</b>	F3-1866C10Q2-64GZM(XMP)	32GB ( 2x 16GB )	DS	-	-	10-11-10-30	1.5	•	•
<b>GeIL</b>	GEEL316GB1866C9DC(XMP)	16GB ( 2x 8GB )	DS	-	-	1866-9-10-9-28	1.65	•	•
<b>Silicon Power</b>	SP004GXLYU186NSA(XMP)	4GB	SS	-	-	1866-9-11-9-27	-	•	•
<b>Silicon Power</b>	SP008GXLYU186NSA(XMP)	8GB	DS	-	-	1866-9-11-9-27	-	•	•
<b>Team</b>	TED38GM1866C13BK	8GB	DS	Hynix	H5TQ4G83AFR	13-13-13-32	1.5	•	•
DDR3 2133 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX3U2133W4G10-DR(XMP)	8GB ( 2x 4GB )	SS	-	-	10-11-11-30	1.65	•	•
<b>Silicon Power</b>	SP004GXLYU213NSA(XMP)	4GB	SS	-	-	2133-11-12-11-30	-	•	•
<b>Silicon Power</b>	SP008GXLYU213NSA(XMP)	8GB	DS	-	-	2133-11-12-11-30	-	•	•
<b>Team</b>	TLD38G2133HC11ABK(XMP)	8GB	DS	-	-	11-11-11-31	1.65	•	•
DDR3 2400 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX3U2400W4G11-DMV(XMP)	8GB ( 2x 4GB )	SS	-	-	11-13-13-35	1.65	•	•
<b>Silicon Power</b>	SP004GXLYU240NSA(XMP)	4GB	SS	-	-	2400-11-13-13-32	-	•	•
<b>Team</b>	TLD38G2400HC11CBK(XMP)	8GB	DS	-	-	11-13-13-35	1.65	•	•

- 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.
- Memory module with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP Profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.
- Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.