

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
CORSAIR	CMV8GX3M1A1333C9	8GB	DS	CORSAIR	512M8DCJGELAO401213	-	-	●	●
TEAM	TED34GM1333C9BK	4GB	DS	HYNIX	DWLDL9J5HL	9-9-9-24	1.5V	●	●
KINGSTON	KVR13N9S8/4-SP(low profile)	4GB	SS	NANYA	NT5CC512MDDN-CG	-	1.5V	●	●
KINGSTON	KVR13N9S8/4low profile)	4GB	SS	KINGSTON	D5128GC28PGG8U	9-9-9-24-33	1.5V	●	●
SMART	SH5126UD325893HE	4GB	DS	SEC 343 BYKO	K4B2GO8460	9-9-9-24-33	1.5V	●	●
SMART	SH5126UD325893SQ	4GB	DS	SEC 343 BYKO	K4B2GO8460	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
CORSAIR	CMY8GX3M2A1600C9	4GB	SS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CML8GX3M2A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CMZ4GX3M1A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CMZ8GX3M2A1600C9	4GB	DS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CML16GX3M2A1600C10	8GB	DS	-	-	10-10-10-27	1.50V	●	●
CORSAIR	CMV8GX3M1A1600C11	8GB	DS	CORSAIR	512M8DDLGPSBO381311	-	-	●	●
CORSAIR	CMY16GX3M2A1600C9	8GB	DS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CMY32GX3M4A1600C9	8GB	DS	-	-	9-9-9-24	1.50V	●	●
CORSAIR	CMZ8GX3M1A1600C10(XMP)	8GB	DS	-	-	10-10-10-27	1.50V	●	●
KINGSTON	KVR16N11S8/4(Low Profile)	4GB	SS	KINGSTON	U317X8BRR19	-	1.50V	●	●
SANMAX	SMD-4G28N1P-16KM	4GB	SS	ELPIDA	J4208BBBG-GN-F	-	-	●	●
SANMAX	SMD-8G28NP-16KM	8GB	DS	ELPIDA	J4208BBBG-GN-F	-	1.50V	●	●
TEAM	TLD34G1600HCBK	4GB	SS	-	-	9-9-9-24	1.5V	●	●
TEAM	TED34GM1600C11BK	4GB	DS	HYNIX	DW3DJJ273	-	1.5V	●	●
TEAM	TED38GM1600C11BK	8GB	DS	HYNIX	DT38J3bb4AM	11-11-11-28	1.5V	●	●
TEAM	TLD38G1600HC9BK	8GB	DS	-	-	9-9-9-24	1.5V	●	●
ADATA	ADDU1600W4G11-B	4GB	SS	ADATA	DWND-1211A	-	-	●	●
ADATA	AX3U1600W4G9-DB(XMP)	8GB (2x 4GB)	SS	-	-	9-9-9-24	1.5V	●	●
ADATA	AX3U1600W8G9-DB	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5V	●	●
ADATA	ADDU1600W8G11-B	8GB	DS	ELPIDA	J4208EBBG-GN-F	-	-	●	●
MIRAGES	KMD3U1600V4G(PC3-12/00U)	4GB	SS	-	SEC246BCKOK4B4G0846C	-	-	●	●
V-COLOR	TD4G8C11-H11	4GB	SS	HYNIX	H5TQ4G83MFR	-	-	●	●
APACER	78.BAQEJ.9LK0C (XMP)	4GB	DS	-	-	9-9-9-27	-	●	●
GEIL	GB34GB1600C11DC (XMP)	4GB	DS	GEIL	GL1L256M88BA15GL	-	1.5V	●	●
GEIL	GVP38GB1600C9SC (XMP)	4GB	DS	-	-	11-11-11-28	1.5V	●	●
KINGSTON	KHX1600C9D3K2/8GX (XMP)	4GB	SS	-	-	-	1.65V	●	●
AMD	AE38G1609U1K	4GB	SS	-	-	9-9-9-28	1.5V	●	●
G.SKILL	F3-1600C11S-4GNT	4GB	SS	SEC 343 XYKO	K4B4G0846D	11-11-11-28	1.5V	●	●
SAMSUNG	M379B5273DHO-YKO 1325	4GB	DS	SEC 312 BJKO	K4B2GO846C	11-11-28-39	1.35	●	●
Transcend	TS512MLK64W6H	4GB	SS	SEC 343 XYKO	K4B4G0846D	11-11-11-28-39	1.35V	●	●
Transcend	TS1GLK64W6H	8GB	DS	SEC 343 XYKO	K4B4G0846D	11-11-28-39	1.35V	●	●
ADATA	N/A	4GB	SS	ADATA	3WCD-12IIA EL1348V	-	-	●	●
AVEXIR	AVD3U16000904G-4CI	4GB	SS	-	-	11-11-11-28-39	1.5V	●	●
AVEXIR	AVD3U16001008G-4CI	8GB	DS	-	-	11-11-11-28-39	1.5V	●	●
TEAM	TED34GM1600C11BK	4GB	DS	HYNIX	H5TQ2G83CFY	11-11-11-28	1.5V	●	●
TEAM	TLD38G1600HC9BK	8GB	DS	-	-	9-9-9-24	1.5V	●	●
KINGSTON	KHX1600C9D3/4G	4GB	DS	-	-	-	1.65V	●	●

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
CORSAIR	CMY16GX3M2A1866C9(Ver3.24)	8GB	DS	-	-	9-10-9-27	1.50V	●	●
CORSAIR	CMY8GX3M2A1866C9	4GB	SS	-	-	9-10-9-27	1.50V	●	●
CORSAIR	CMD32GX3M4A1866C9(Ver3.24)	8GB	DS	-	-	9-10-9-27	1.50V	●	●
CORSAIR	CMY32GX3M4A1866C9	8GB	DS	-	-	9-10-9-27	1.50V	●	●
CORSAIR	CMZ16GX3M2A1866C10(Ver4.21)	8GB	DS	-	-	10-11-10-30	1.50V	●	●
AMD	AP38G1869U2K	8GB(4GBx2)	DS	-	-	9-10-9-27	1.5V	●	●
TEAM	TED34GM1866C13BK	4GB	DS	HYNIX	DW3DJ472B3	-	1.5V	●	●
TEAM	TLD34G1866HC9KKBK	4GB	DS	-	-	9-11-9-27	1.5V	●	●
TEAM	TLD38G1866HC10SBK	8GB	DS	-	-	10-11-10-30	1.5V	●	●
AMD	AP38G1869U1K(XMP)	4GB	SS	-	-	9-10-9-27	1.5V	●	●
KINGSTON	KHX18C9T2K2/8X	8GB (2x 4GB)	DS	-	-	9-9-9-24-33	1.65	●	●
AVEXIR	AVD3U0904G-4CI	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U0908G-4CI	8GB	DS	-	-	11-11-11-28-39	1.5V	●	●

DDR3 2000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
AVEXIR	AVD3U20000904G-4CI	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U20000908G-4CI	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●

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
CORSAIR	CMY8GX3M2A2133C11R	8GB(4 x 2GB)	SS	-	-	11-11-11-27	1.50V	●	●
CORSAIR	CMD8GX3M2B2133C9(Ver5.12)	4GB	DS	-	-	9-11-11-31	1.65V	●	●
CORSAIR	CMD16GX3M2A2133C9(Ver4.21)	8GB	DS	-	-	9-11-11-31	1.65V	●	●
CORSAIR	CMD32GX3M4A2133C9(Ver4.21)	8GB	DS	-	-	9-11-11-31	1.65V	●	●
AMD	AG34G2130UI	4GB	SS	-	-	10-11-11-30	1.65V	●	●
AMD	AP38G2133U2K	4GB	DS	-	-	11-12-11-30	1.65V	●	●
TEAM	TLD34G2133HC11ABK	4GB	SS	-	-	11-11-11-31	1.65V	●	●
ADATA	AX3U2133W4G10-DR	8GB (2x 4GB)	SS	-	-	10-11-11-30	1.65V	●	●
KINGSTON	KHX21C11T2K2/8X	8GB (2x 4GB)	SS	-	-	11-11-11-28-39	1.6V	●	●
AVEXIR	AVD3U21330908G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U21331104G-4CI	4GB	SS	-	-	11-11-11-28-39	1.5V	●	●
AVEXIR	AVD3U21330908G-4BZ1	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●

AVEXIR	AVD3U21331108G-4CI	8GB	DS	-	-	11-11-11-28-39	1.5V	●	●
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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
CORSAIR	CMD32GX3M4A2400C10(Ver5.29)	8GB	DS	-	-	10-12-12-31	1.65V	●	●
CORSAIR	CMY16GX3M2A2400C10R(Ver4.2)	8GB	DS	-	-	10-12-12-31	1.65V	●	●
CORSAIR	CMD16GX3M2A2400C9(Ver4.21)	8GB	DS	-	-	10-12-12-31	1.65V	●	●
TEAM	TXD34G2400HC10QBK	4GB	DS	-	-	10-12-12-31	1.62V	●	●
TEAM	TXD38G2400HC10QBK	8GB	DS	-	-	10-12-12-31	1.62V	●	●
ADATA	AX3U2400W4G11-DMV	8GB (2x 4GB)	SS	-	-	11-13-13-35	1.65V	●	●
ADATA	AX3U2400W8G11-DMV	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65V	●	●
AVEXIR	AVD3U24001004G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U24001104G-4CI	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U24001008G-4BZ1	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U24001108G-4CI	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●
TEAM	TLD38G2400HC11CBK	8GB	DS	-	-	11-13-13-35	1.65V	●	●

DDR3 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
CORSAIR	CMD16GX3M4A2666C10	4GB	DS	-	-	10-12-12-31	1.65V	●	●
TEAM	TXD38G2666HC11CBK	8GB	DS	-	-	11-13-13-35	1.65V	●	●
AVEXIR	AVD3U26661104G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U26661204G-4CI	8GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U26661108G-4BZ1	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3U26661208G-4CI	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●

DDR3 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
G.SKILL	F3-2800C12Q-32GGTXDG	8GB	DS	-	-	12-14-14-35	1.65V	●	●
ADATA	AX3U2800W4G12-DGV	4GB	SS	-	-	12-12-14-36	1.65V	●	●
ADATA	AX3U2800W8G12-DGV	8GB	DS	-	-	12-12-14-36	1.65V	●	●
AVEXIR	AVD3UH28001204G-4BZ1	4GB	SS	-	-	-	1.65V	●	●
AVEXIR	AVD3UH28001208G-4BZ1	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●

DDR3 2933 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
G.SKILL	F3-2933C12D-16GTDXG	8GB	DS	-	-	12-14-14-35	1.65V	●	●
AVEXIR	AVD3UH29331204G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3UH29331208G-4BZ1	8GB	DS	-	-	11-11-11-28-39	1.65V	●	●

DDR3 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
G.SKILL	F3-3000C12Q-16GTXDG	4GB	SS	-	-	-	1.65V	●	●
AVEXIR	AVD3UH31001204G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●

DDR3 3100 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
ADATA	AX3U3100W4G12-DGV	4GB	SS	-	-	12-14-14-36	1.65	●	●
AVEXIR	AVD3UH31001204G-2CIR	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●
AVEXIR	AVD3UH31001204G-4BZ1	4GB	SS	-	-	11-11-11-28-39	1.65V	●	●

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.