

RAMPAGE IV EXTREME

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	8 DIMM
Team	TXD38G2400HC10QBK	8GB	DS	N/A	Heat-Sink Package	10-12-12-31	1.65		●	
KINGSTON	KHX24C11T2K2/8X	8GB (2x 4GB)	DS	N/A	Heat-Sink Package		1.65		●	
CORSAIR	CMZ16GX3M2A2400C10 (Ver4.21)	16GB (2x 8GB)	DS	N/A	Heat-Sink Package	10-12-12-31	1.65	●		

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	8 DIMM
A-DATA	AX3U2133XW8G10	8GB	DS	N/A	Heat-Sink Package	10-11-11-30	1.65		●	
Patriot	PV316G213C1K	16GB (2x 8GB)	DS	N/A	Heat-Sink Package	11-11-11-30	1.5		●	
Team	TLD38G2133HC11ABK	8GB	DS	N/A	Heat-Sink Package	11-11-11-31	1.65	●	●	
G.SKILL	F3-2133C11Q-32GZL	32GB (4x 8GB)	DS	N/A	Heat-Sink Package	11-11-11-31	1.5	●	●	
KINGSTON	KHX21C11T3FK8/64X	64GB (8x 8GB)	DS	N/A	Heat-Sink Package	11-12-11-32	1.65	●	●	
Apacer	AHU04GFB33CAQ3R	4GB	DS	N/A	Heat-Sink Package	11-13-13-31	N/A	●	●	
A-DATA	AX3U2133XW8G10	16GB (2x 8GB)	DS	N/A	Heat-Sink Package	10-11-11-30	1.65	●	●	

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	8 DIMM
CORSAIR	CMD16GX3M2A1866C9 (Ver5.29)	16GB (2x 8GB)	DS	N/A	Heat-Sink Package	9-9-9-27	1.5	●		
Team	TLD38G1866HC10SBK	8GB	DS	N/A	Heat-Sink Package	10-11-10-30	1.5		●	●
G.SKILL	F3-1866C9Q-32GXM	32GB (4x 8GB)	DS	N/A	Heat-Sink Package	9-10-9-28	1.5	●	●	

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	8 DIMM
A-DATA	AD3U1600W8G11	8GB	DS	A-DATA	3WCD-1211A	11-11-11-28	N/A	●		
Apacer	78.C1GET.9K10C	8GB	DS	Apacer	AM5D6008BQQSCK	11-11-11-31	N/A	●	●	
Transcend	TS1GLK64V6H(620645)	8GB	DS	SAMSUNG	K4B4G0846B	11-11-11-28	N/A		●	
Apacer	78.B1GET.9K00C	4GB	SS	Apacer	AM5D6008BQQSCK	11-11-11-28	1.5	●	●	●
KINGSTON	KHX16C10B1K2/16X	16GB (2x 8GB)	DS	N/A	Heat-Sink Package		1.5		●	
Apacer	AHU08GFA60CBT3R	8GB	DS	N/A	Heat-Sink Package	10-10-10-28	N/A	●	●	
A-DATA	AX3U1600GW8G9	16GB (2x 8GB)	DS	N/A	Heat-Sink Package	9-9-9-24	1.5	●	●	
KINGSTON	KHX16009CD3K2/8GX	8GB (2x 4GB)	DS	N/A	Heat-Sink Package	9-9-9-27	1.65	●	●	
Patriot	PV316G160C9QKRD	16GB (4x 4GB)	DS	N/A	Heat-Sink Package	11-11-11-31	1.5		●	

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	8 DIMM
KINGSTON	KVR13N9S8H/4	4GB	SS	ELPIDA	J4208BBBG-GN-F	9-9-9-24	1.5		•	
Transcend	TS1GLK64V3H(620053)	8GB	DS	MICRON	D9QBJ	9-9-9-24	N/A	•	•	

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 red slots or the black slots as one pair of Dual-channel memory configuration
- **4 DIMM**: Supports 4 modules inserted into both the red 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

-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

-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