# CROSSHAIR IV EXTREME Memory Qualified Vendors Lists (QVL)

## DDR3-2000

| Vendor | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing Lable(Bios) | Voltage | DIMM socket support | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| Apacer | 78.AAGD5.9KD(XMP) | 6GB(3 x 2GB) | DS | - | - | 9-9-9-27 | - | ● | | ● |
| Crucial | BL12864BE2009.8SFB3(EPP) | 1GB | SS | - | - | 9-9-9-28 | 2 | ● | | |
| G.SKILL | F3-16000CL9D-4GBRH(XMP) | 4GB(2 x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | ● | | ● |
| G.SKILL | F3-16000CL9D-4GBTD(XMP) | 4GB(2 x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | ● | | ● |
| G.SKILL | F3-16000CL9T-6GBPS(XMP) | 6GB(3 x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | ● | | |
| G.SKILL | F3-16000CL9T-6GBTD(XMP) | 6GB(3 x 2GB) | DS | - | - | 9-9-9-24 | 1.6 | ● | ● | ● |
| G.SKILL | F3-16000CL7Q-8GBFLS(XMP) | 8GB(4 x 2GB) | DS | - | - | 7-9-7-24 | 1.65 | ● | ● | ● |
| GEIL | GU34GB2000C9DC(XMP) | 4GB(2 x 2GB) | DS | - | - | 9-9-9-28 | 2 | ● | | |
| GEIL | GE38GB2000C9QC(XMP) | 8GB(4 x 2GB) | DS | - | - | 9-9-9-28 | 1.65 | ● | | |
| OCZ | OCZ3P2000EB2GK | 2GB(2 x 1GB) | SS | - | - | 9-8-8 | 1.8 | ● | | |
| OCZ | OCZ3B2000LV6GK | 6GB(3 x 2GB) | DS | - | - | 7-8-7 | 1.65 | ● | | |
| Transcend | TX2000KLU-4GK(XMP) | 4GB(2 x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | ● | | ● |
| Gingle | 9CAASS37AZZ01D1 | 2GB | DS | - | - | 9-9-9-24 | - | ● | | |

Note 1:

4 DIMM Slots

• **1 DIMM**: Supports (1) module inserted in any slot as Single-channel memory configuration

• **2 DIMM**: Supports (2) modules inserted into eithor 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

Note 2:

* The motherboard supports DDR3-2000MHZ DIMMs only when you install a 6-core CPU to the motherboard.

*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 red 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.