

ROG CROSSHAIR VI HERO(WI-FI AC) Memory Qualified Vendors List (QVL)

ROG CROSSHAIR VI HERO(WI-FI AC) Motherboard U-DIMM Qualified Vendors Lists (

DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	
Apacer	78.B1GMS.4050B	16GB (4x 4GB)	SS	Samsung	K4A4G085WD	17-17-17-39	-	•	•	•	
Apacer	78.C1GMS.4010B	32GB (4x 8GB)	DS	Samsung	K4A4G085WD	17-17-17-39	-	•	•	•	
Apacer	EK.08G2T.GEC(XMP)	8GB	SS	-	-	16-16-16-36	-	•	•	•	
Apacer	EL.08G2T.GFM	8GB	SS	Apacer	AM6F6308MHHSB2	17-17-17-39	-	•	•	•	
AVEXIR	AVD4UZ124001608G-4COR	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.2	•	•	•	
Crucial	BLS16G4D240FSB.16FBD(XMP)	16GB	DS	-	-	16-16-16-39	1.2	•	•	•	
Crucial	BLS4G4D24DFSB.8FBD(XMP)	4GB	SS	-	-	16-16-16-39	1.2	•	•	•	
Crucial	BLS8G4D24DFSBK.8FBD(XMP)	8GB	SS	-	-	16-16-16-39	1.2	•	•	•	
Crucial	CT16G4DFD824A.16FB1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	•	•	•	
Crucial	CT8G4DFS824A.8FB1	8GB	SS	-	-	17-17-17-39	1.2	•	•	•	
Foxteonn	FEU8GN51208KC2400H	8GB	DS	Nanya	NT5AD512M8B1-FM	17-17-17-39	-	•	•	•	
G.SKILL	F4-2400C15Q-16GRR	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	•	
G.SKILL	F4-2400C15Q-32GRR	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FB/4	4GB	SS	-	-	15-15-5-35	1.2	•	•	•	
HyperX	HX424C15FB/8(XMP)	8GB	DS	-	-	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FBK2/16	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FBK2/16	32GB (2x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FBK2/8	8GB (2x 4GB)	SS	-	-	15-15-5-35	1.2	•	•	•	
HyperX	HX424C15FBK4/16	16GB (4x 4GB)	SS	-	-	15-15-5-35	1.2	•	•	•	
HyperX	HX424C15FBK4/16	16GB (4x4GB)	SS	-	-	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	•	
HyperX	HX424C15FBK4/32	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	15-15-15-35	1.2	•	•	•	
Kingston	KVR24N17D8/16	16GB	DS	Micron	D9SRJ	17-17-17-39	1.2	•	•	•	
Kingston	KVR24N17D8/8	8GB	DS	Micron	D9TGG	17-17-17-39	1.2	•	•	•	
Kingston	KVR24N17S8/4	4GB	SS	Micron	D9TGG	17-17-17-39	1.2	•	•	•	
Kingston	KVR24N17S8/8	8GB	SS	Micron	D9TBH	17-17-17-39	1.2	•	•	•	
Micron	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	•	•	•	
Micron	MTA8ATF1G64AZ-2G3B1	8GB	SS	-	-	17-17-17-39	1.2	•	•	•	
SK Hynix	HMA81GU6AFR8N-UH	8GB	SS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	•	•	•	
SK Hynix	HMA82GU6AFR8N-UH	16GB	DS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	•	•	•	
SK Hynix	HMA851U6AFR6N-UH	4GB	SS	SK Hynix	H5AN8G6NAFRUHC	17-17-17-39	-	•	•	•	
Team	TED416G2400C16BK	16GB	DS	Team	T4D10248MT-24	16-16-16-39	1.2	•	•	•	
V-color	TC48G24S817-IMS	8GB	SS	-	-	17-17-17-39	1.2	•	•	•	
V-color	TD4G8C17-UH	4GB	SS	V-color	DW3J0460HM	15-15-15-36	1.2	•	•	•	

DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	MM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	
Apacer	78.B1GM3.AF00B	16GB (4x 4GB)	SS	SK Hynix	H5AN4G8NMFRTEC	15-15-15-36	1.2	•	•	•	
Apacer	78.C1GM3.AF10B	32GB (4x 8GB)	DS	SK Hynix	H5AN4G8NMFRTEC	15-15-15-36	1.2	•	•	•	
Apacer	AHU08GGB13CGT7G	32GB (4x 8GB)	DS	Apacer	AM6F60080THMA1	15-15-15-36	1.2	•	•	•	
CENTURY MICRO INC	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8NMFRTEC	15-15-15-36	-	•	•	•	
CENTURY MICRO INC	CK8GX4-D4U2133	32GB (4x 8GB)	DS	SK hynix	H5AN4G8NMFRTEC	15-15-15-35	1.2	•	•	•	
CORSAIR	CMK16GX4M4A2133C13(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMK32GX4M2A2133C13(Ver4.31)(XMP)	32GB (2x 16GB)	DS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMK32GX4M2A2133C13(Ver4.31)(XMP)	32GB (2x 16GB)	DS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMK32GX4M4A2133C13(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMK32GX4M4A2133C15(Ver3.20)	32GB (4x 8GB)	DS	-	-	15-15-15-36	1.2	•	•	•	
CORSAIR	CMK32GX4M4A2133C15(Ver5.29)	32GB (4x 8GB)	DS	-	-	15-15-15-36	1.2	•	•	•	
CORSAIR	CMK64GX4M8A2133C13(Ver3.20)(XMP)	8GB	DS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMK64GX4M8A2133C13(Ver4.23)(XMP)	8GB	DS	-	-	13-15-15-28	1.2	•	•	•	
CORSAIR	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	1.2	•	•	•	
CORSAIR	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	-	•	•	•	
CORSAIR	CMV4GX4M1A2133C15	4GB	SS	-	-	15-15-15-36	1.2	•	•	•	
CORSAIR	CMV8GX4M1A2133C15	8GB	DS	-	-	15-15-15-36	1.2	•	•	•	
Crucial	CT16G4DFD8213.16FB1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•	•	
Crucial	CT4G4DFS8213.8FA1	4GB	SS	Micron	D9RGQ	15-15-15-37	1.2	•	•	•	
Crucial	CT4G4DFS8213.8FA2	4GB	SS	Micron	D9RGQ	15-15-15-36	1.2	•	•	•	
Crucial	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	•	•	•	
Crucial	CT8G4DFS8213.8FB1	8GB	SS	-	-	15-15-15-36	1.2	•	•	•	
Foxteonn	FEU4GN51208JC2133F	4GB	SS	Nanya	NT5AD512M8B1-FM	15-15-15-36	-	•	•	•	
G.SKILL	F4-2133C15Q-16GRR	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	•	
G.SKILL	F4-2133C15Q2-128GVK	16GB	DS	-	-	15-15-15-35	1.2	•	•	•	
G.SKILL	F4-2133C15Q2-64GRR	8GB	DS	-	-	15-15-15-35	1.2	•	•	•	
G.SKILL	F4-2133C15Q-32GRR	32GB (4x 8GB)	DS	-	-	15-15-15-35	-	•	•	•	
GelL	GPR416GB2133C15QC	16GB (4x 4GB)	SS	-	-	15-15-15-36	1.2	•	•	•	
HyperX	HX421C13SB/4(XMP)	4GB	SS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C13SB/8(XMP)	8GB	DS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C13SBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C13SBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C13SBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C13SBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	13-13-13-36	1.2	•	•	•	
HyperX	HX421C14FB/4	4GB	SS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FB/8	8GB	DS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FBK4/32(XMP)	32GB (4x 8GB)	SS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FBK2/16	16GB (2x 8GB)	DS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FBK2/8	8GB (2x 4GB)	SS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FBK4/16	16GB (4x 4GB)	SS	-	-	14-14-14-35	1.2	•	•	•	
HyperX	HX421C14FBK4/32	32GB (4x 8GB)	DS	-	-	14-14-14-35	1.2	•	•	•	

HyperX	HX421C14FBK4/64	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	•
HyperX	HX421C14FBK8/64	8GB	DS	-	-	14-14-14-35	1.2	•	•	•
Kingston	KVR21N15D8/16	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•	•
Kingston	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•	•
Kingston	KVR21N15D8/8	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	•	•	•
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•	•
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•	•
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	•	•	•
Klevv	KM4C4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	•
Klevv	KM4C4GX4N-2133-15-15-15-35-1	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	•
Klevv	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	-	-	15-15-15-35	1.2	•	•	•
Klevv	KM4C8GX4N-2133-15-15-15-35-1	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	•
Micron	MTA16ATF2G64AZ-2G1B1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•	•
Micron	MTA8ATF1G64AZ-2G1B1	8GB	SS	-	-	15-15-15-36	1.2	•	•	•
Micron	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	•	•	•
SanMax	SMD-4G28HP-21P	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	-	•	•	•
SanMax	SMD-8G28HP-21P	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	-	•	•	•
Silicon Power	SP004GBLFU213N01	4GB	SS	Samsung	K4A4G085WD	15-15-15-37	-	•	•	•
Silicon Power	SP008GBLFU213N01	8GB	DS	Samsung	K4A4G085WD	15-15-15-37	-	•	•	•
SK Hynix	HMA41GU7AFR8N-TF	8GB	DS	SK Hynix	H5AN4G8NAFR	15-15-15-36	-	•	•	•
SK Hynix	HMA451U7AFR8N-TF	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	-	•	•	•
SK Hynix	HMA82GU6MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8NMFRTFC	15-15-15-36	-	•	•	•
SK Hynix	HMA82GU7MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8NMFR	15-15-15-36	-	•	•	•
SUPER TALENT	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	•	•	•
Team	TED416G2133C15BK	16GB	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	•
Team	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	•	•	•
Team	TED48GM2133C15BK	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	•	•	•
UMAX	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	•	•	•
UMAX	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	•	•	•
V-color	TC48G21S815-IMS	8GB	SS	-	-	15-15-15-36	1.2	•	•	•

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

-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 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.