

## ROG RAMPAGE VI EXTREME ENCORE DRAM QVL

### 8 DIMM Slots

- 1 DIMM: Supports one (1) module inserted into any primary slot as Single-channel memory configuration. Install the module into the D1 slot for better compatibility.
  - 2 DIMMs: Supports two (2) modules inserted into B1 and D1 slots that operates in a dual-channel memory configuration.
  - 4 DIMMs: Supports four (4) modules inserted into A1, B1, C1 and D1 slots that operates in a dual-channel memory configuration.
  - 6 DIMMs: Supports six (6) modules inserted into A1, B1, B2, C1, D1 and D2 slots that operates in a Quad-channel memory configurations.
  - 8 DIMMs: Supports eight (8) modules inserted into all the slots as fully-loaded Quad-channel memory configurations.
- When installing a memory kit, please adhere to the DIMM slot priority cited in the “System Memory” section of the motherboard manual.
- Please ensure all memory modules are from a single validated kit. Do not combine DIMMs from multiple kits—even if they are the same make and model. Mixing and matching DIMMs can result in failure to boot and compatibility cannot be guaranteed.
- 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.
- At default UEFI settings, the memory operating frequency depends on the Serial Presence Detect (SPD) profile the kit is programmed with, which is the standard way of accessing information from a module. To set the rated speed of the kit, please select XMP or apply manual settings.
- The stability and compatibility of XMP memory kits that operate beyond the JEDEC standard is not guaranteed because it can be affected by the capabilities of the CPU’s integrated memory controller, installed devices, and the operating frequency of associated bus domains.

### DRAM QVL

<a href="#"><u>DDR4 4266 QVL</u></a>	<a href="#"><u>DDR4 3800 QVL</u></a>	<a href="#"><u>DDR4 3000 QVL</u></a>	<a href="#"><u>DDR4 2400 QVL</u></a>
<a href="#"><u>DDR4 4133 QVL</u></a>	<a href="#"><u>DDR4 3600 QVL</u></a>	<a href="#"><u>DDR4 2933 QVL</u></a>	<a href="#"><u>DDR4 2133 QVL</u></a>
<a href="#"><u>DDR4 4000 QVL</u></a>	<a href="#"><u>DDR4 3466 QVL</u></a>	<a href="#"><u>DDR4 2800 QVL</u></a>	
<a href="#"><u>DDR4 3866 QVL</u></a>	<a href="#"><u>DDR4 3200 QVL</u></a>	<a href="#"><u>DDR4 2666 QVL</u></a>	

DDR4 4266 Qualified Vendors List											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>G.SKILL</b>	F4-4266C18Q-32GTZR	32GB(8GB*4)	SS	Samsung	-	18-18-18-38	1.45V			●	
<b>G.SKILL</b>	F4-4266C18Q2-64GTZR	64GB(8GB*8)	SS	Samsung	-	18-18-18-38	1.45V			●	●
<b>G.SKILL</b>	F4-4266C18Q-32GVK	32GB(8GB*4)	SS	Samsung	-	18-18-18-38	1.45V			●	
<b>G.SKILL</b>	F4-4266C18Q2-64GVK	64GB(8GB*8)	SS	Samsung	-	18-18-18-38	1.45V			●	●
<b>CORSAIR</b>	CMT32GX4M4K4266C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-26-26-46	1.45V		●	●	
<b>CORSAIR</b>	CMW32GX4M4K4266C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-26-26-46	1.45V		●	●	
<b>CORSAIR</b>	CMK32GX4M4K4266C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-26-26-46	1.45V		●	●	
<b>CORSAIR</b>	CMT64GX4M8X4266C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-26-26-46	1.45V		●	●	●
<b>CORSAIR</b>	CMK64GX4M8X4266C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-26-26-46	1.45V		●	●	●
<b>Hyper X</b>	HX442C19PB3K2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.4V		●	●	
DDR4 4133 Qualified Vendors List											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>CORSAIR</b>	CMK64GX4M8X4133C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-25-25-45	1.4V		●	●	●
<b>CORSAIR</b>	CMK32GX4M4K4133C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-25-25-45	1.4V		●	●	
DDR4 4000 Qualified Vendors List											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>G.SKILL</b>	F4-4000C16Q-32GTZR	32GB(8GB*4)	SS	Samsung		16-18-18-38	1.4V		●	●	
<b>G.SKILL</b>	F4-4000C16Q-64GTZR	64GB(16GB*4)	DS	Samsung		16-18-18-38	1.4V		●	●	
<b>G.SKILL</b>	F4-4000C16Q2-64GTZR	64GB(8GB*8)	SS	Samsung		16-18-18-38	1.4V		●	●	●
<b>G.SKILL</b>	F4-4000C16Q-32GVK	32GB(8GB*4)	SS	Samsung		16-18-18-38	1.4V		●	●	
<b>G.SKILL</b>	F4-4000C16Q-64GVK	64GB(16GB*4)	DS	Samsung		16-18-18-38	1.4V		●	●	
<b>G.SKILL</b>	F4-4000C16Q2-64GVK	64GB(8GB*8)	SS	Samsung		16-18-18-38	1.4V		●	●	●
<b>CORSAIR</b>	CMT32GX4M4K4000C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-23-23-45	1.35V		●	●	

<b>CORSAIR</b>	CMW32GX4M4K4000C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-23-23-45	1.35V	●	●	
<b>CORSAIR</b>	CMK32GX4M4K4000C19 ver4.31	32GB(8GB*4)	SS	Samsung		19-23-23-45	1.35V	●	●	
<b>CORSAIR</b>	CMK32GX4M4K4000C19 ver3.31	32GB(8GB*4)	SS	Spectek		19-23-23-45	1.35V	●	●	
<b>CORSAIR</b>	CMK32GX4M2F4000C19	32GB(16GB*2)	DS	Samsung		19-23-23-45	1.35V	●	●	
<b>CORSAIR</b>	CMT64GX4M8X4000C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-23-23-45	1.35V	●	●	●
<b>CORSAIR</b>	CMW64GX4M8X4000C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-23-23-45	1.35V	●	●	●
<b>CORSAIR</b>	CMK64GX4M8X4000C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-23-23-45	1.35V	●	●	●
<b>A-DATA</b>	AX4U400038G18-QRS	8GB	SS	Samsung		18-19-19-39	1.35V	●	●	
<b>CRUCIAL</b>	BLE8G4D40BEEAK.M8FE1	8GB	SS	Micron		18-19-19-39	1.35V	●	●	
<b>Teamgroup</b>	TXKD416G4000HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	●	●	
<b>Teamgroup</b>	TF6D416G4000HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	●	●	
<b>Hyper X</b>	HX440C19PB3AK2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.35V	●	●	
<b>Hyper X</b>	HX440C19PB3K2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.35V	●	●	

### DDR4 3866 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)				
								1 DIMM	2 DIMM	4 DIMM	8 DIMM	
<b>G.SKILL</b>	F4-3866C18Q-32GTZR	32GB(8GB*4)	SS	Samsung		18-19-19-39	1.35V		●	●		
<b>A-DATA</b>	AX4U386638G18-QRS	8GB	SS	Samsung		18-19-19-39	1.35V		●	●		

### DDR4 3800 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)				
								1 DIMM	2 DIMM	4 DIMM	8 DIMM	
<b>CORSAIR</b>	CMK64GX4M8X3800C19 ver4.31	64GB(8GB*8)	SS	Samsung		19-19-19-39	1.35V		●	●	●	
<b>CORSAIR</b>	CMT128GX4M8X3800C19 ver4.31	128GB(16GB*8)	DS	Samsung		19-19-19-39	1.35V		●	●	●	
<b>CORSAIR</b>	CMW128GX4M8X3800C19 ver4.31	128GB(16GB*8)	DS	Samsung		19-19-19-39	1.35V		●	●	●	
<b>CORSAIR</b>	CMK128GX4M8X3800C19 ver4.31	128GB(16GB*8)	DS	Samsung		19-19-19-39	1.35V		●	●	●	

### DDR4 3600 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM

<b>ADATA</b>	AX4U360038G17-BR80(XMP)	8x 8GB	SS	Samsung	K4A8G085W-BCTD	17-18-18-38	1.35	●	●	●
<b>ADATA</b>	AX4U360038G17-BRZ(XMP)	8x 8GB	SS	Samsung	K4A8G085WBBCPB	17-18-18-38	1.35	●	●	●
<b>CORSAIR</b>	CMK16GX4M2B3600C18(Ver4.31)(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	
<b>CORSAIR</b>	CMK16GX4M2Z3600C18(Ver3.31)(XMP)	2x 8GB	SS	Micron	D9TNW	18-22-22-42	1.35	●	●	
<b>CORSAIR</b>	CMK32GX4M4B3600C18(Ver4.31)(XMP)	4x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	●
<b>CORSAIR</b>	CMK32GX4M4D3600C18(Ver3.31)(XMP)	4x 8GB	SS	Micron	MT40A1G8WE	18-22-22-42	1.35	●	●	●
<b>CORSAIR</b>	CMR32GX4M4C3600C18(Ver4.31)(XMP)	4x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	●
<b>CORSAIR</b>	CMR64GX4M8X3600C18(Ver4.31)(XMP)	8x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	●
<b>CORSAIR</b>	CMT16GX4M2C3600C18(Ver4.31)(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	
<b>CORSAIR</b>	CMT32GX4M4K3600C16(Ver4.31)(XMP)	4x 8GB	SS	Samsung	K4A8G085WB-BCPB	16-18-18-36	1.35	●	●	
<b>CORSAIR</b>	CMW16GX4M2Z3600C18(Ver3.31)(XMP)	2x 8GB	SS	Micron	D9TNW	18-22-22-42	1.35	●	●	
<b>CORSAIR</b>	CMW32GX4M4C3600C18(Ver4.31)(XMP)	4x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-19-19-39	1.35	●	●	●
<b>CRUCIAL</b>	BLE8G4D36BEEAK.M8FE1(XMP)	8GB	SS	Micron	D9VPP	16-18-18-38	1.35	●	●	●
<b>G.SKILL</b>	F4-3600C16D-16GVK(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	16-16-16-36	1.35	●	●	
<b>G.SKILL</b>	F4-3600C18D-16GTZR(XMP)	2x 8GB	SS	Hynix	H5AN8G8NAFR-TFC	18-22-22-42	1.35	●	●	
<b>Hyper X</b>	HX436C17PB3/8(XMP)	8GB	SS	Samsung	K4A8G085W-BCRC	17-18-18-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB3AK2/16(XMP)	2x 8GB	SS	Samsung	K4A8G085W-BCRC	17-18-18-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB3AK4/32(XMP)	4x 8GB	SS	Samsung	K4A8G085W-BCRC	17-18-18-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB3K2/16(XMP)	2x 8GB	SS	Samsung	K4A8G085W-BCRC	17-18-18-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB3K4/32(XMP)	4x 8GB	SS	Samsung	K4A8G085W-BCRC	17-18-18-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB4/8(XMP)	8GB	SS	Hynix	H5AN8G8NMFR-UHC	17-19-19-39	1.35	●	●	●
<b>Hyper X</b>	HX436C17PB4AK4/32(XMP)	4x 8GB	SS	Hynix	H5AN8G8NMFR-UHC	17-19-19-39	1.35	●	●	●
<b>Teamgroup</b>	TF1D416G3600HC18EDC01(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-20-20-44	1.35	●	●	
<b>Teamgroup</b>	TF2D416G3600HC18EDC01(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-20-20-44	1.35	●	●	
<b>Teamgroup</b>	TF5D416G3600H18EDC01(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-20-20-44	1.35	●	●	
<b>Teamgroup</b>	TF6D416G3600HC18EDC01(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BCPB	18-20-20-44	1.35	●	●	
<b>Teamgroup</b>	TFOD48G3600C18EBK(XMP)	8GB	SS	Samsung	K4A8G085WB-BCPB	18-20-20-44	1.35	●	●	
<b>Thermaltake</b>	CL-W262-CA00SW-A(XMP)	4x 8GB	SS	SK Hynix	H5AN8G8NCJR-VKC	18-19-19-39	1.35	●	●	●

<b>Thermaltake</b>	R009D408GX2-3600C18A(XMP)	2x 8GB	SS	SK Hynix	H5AN8G8NCJR-VKC	18-22-22-42	1.35	●	●	
<b>V-color</b>	TL48G36S8BNRGB18(XMP)	8GB	SS	Hynix	H5AN8G8NFR-VJC	18-19-19-39	1.35	●	●	●
<b>ZADAK</b>	ZD4-SHD3600C17-08GAS(XMP)	8GB	SS	-	N/A	17-19-19-39	-	●	●	●

### DDR4 3466 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>CORSAIR</b>	CMK16GX4M2Z3466C16(Ver4.31)(XMP)	2x 8GB	SS	Samsung	K4A8G085WB-BC	16-18-18-36	1.35	●	●		
<b>CORSAIR</b>	CMK32GX4M4B3466C16(Ver4.31)(XMP)	4x 8GB	SS	Samsung	K4A8G085WB-BCPB	16-18-18-36	1.35	●	●	●	
<b>G.SKILL</b>	F4-3466C16Q-64GTZ(XMP)	4x 16GB	DS	Samsung	K4A8G085WB-BCPB	16-18-18-38	1.35	●	●	●	
<b>Hyper X</b>	HX434C16FB3AK4/32(XMP)	4x 8GB	SS	Samsung	K4A8G085W-BCRC	16-18-18-36	1.35	●	●	●	
<b>Hyper X</b>	HX434C16FB3AK4/64(XMP)	4x 16GB	DS	Samsung	K4A8G085W-BCRC	16-18-18-36	1.35	●	●	●	

### DDR4 3200 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>ADATA</b>	AX4U3200316G16-QGZ(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	●	●		
<b>Apacer</b>	AH4U08G32C08YNBAA(XMP)	8GB	SS	Apacer	AM6E6308CHHSE3	16-18-18-38	1.2	●	●		
<b>Apacer</b>	AHU08GGB26CDU7M(XMP)	8GB	SS	-	-	16-16-16-36	1.35	●	●	●	
<b>Apacer</b>	AHU08GGB32CKU7M(XMP)	8GB	SS	-	-	16-16-16-36	1.35	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4B3200C15(Ver4.23)(XMP)	4x 4GB	SS	-	-	15-15-15-36	1.35	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4B3200C16(Ver5.29)(XMP)	4x 4GB	SS	-	-	16-18-18-36	1.35	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4C3200C15(Ver4.24)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.35	●	●	●	
<b>CORSAIR</b>	CMD32GX4M2C3200C16(Ver5.39)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	●		
<b>CORSAIR</b>	CMD64GX4M8B3200C16(Ver4.31)(XMP)	8x 8GB	SS	-	-	16-18-18-36	1.35	●	●	●	●
<b>CORSAIR</b>	CMD64GX4M8B3200C16(Ver5.32)(XMP)	8x 8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	●	●	●
<b>CORSAIR</b>	CMK16GX4M2B3200C16(Ver4.23)(XMP)	2x 8GB	DS	-	-	16-18-18-36	1.35	●	●		
<b>CORSAIR</b>	CMK16GX4M2Z3200C16(Ver4.31)(XMP)	2x 8GB	SS	Samsung	-	16-18-18-36	1.35	●	●		
<b>CORSAIR</b>	CMK32GX4M2B3200C16(4.31)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	●		
<b>CORSAIR</b>	CMK32GX4M2B3200C16(5.39)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	●		

<b>CORSAIR</b>	CMK32GX4M2Z3200C16(Ver3.31)(XMP)	2x 16GB	DS	Mircon	-	16-18-18-36	1.35	●	●	
<b>CORSAIR</b>	CMK64GX4M4B3200C16(Ver4.31)(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	●	●	●
<b>CORSAIR</b>	CMT32GX4M4C3200C16(Ver4.31)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●	●
<b>CORSAIR</b>	CMT32GX4M4Z3200C16(Ver5.32)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●	
<b>CORSAIR</b>	CMT64GX4M4C3200C16(Ver4.31)(XMP)	4x 16GB	DS	Samsung	-	16-18-18-36	1.35	●	●	●
<b>CORSAIR</b>	CMW32GX4M2Z3200C16(Ver3.31)(XMP)	2x 16GB	DS	Mircon	-	16-18-18-36	1.35	●	●	
<b>CORSAIR</b>	CMW32GX4M4C3200C16(Ver5.32)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLE4G4D32AEEA.K8FE(XMP)	4GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLS16G4D32AESB.M16FE(XMP)	16GB	DS	-	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLS16G4D32AESB.M16FE1(XMP)	16GB	DS	Micron	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLS16G4D32AEST.M16FE1(XMP)	16GB	DS	Micron	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLS8G4D32AESBK.8FE(XMP)	8GB	SS	Micron	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLS8G4D32AESTK.M8FE(XMP)	8GB	SS	Micron	-	16-18-18-36	1.35	●	●	●
<b>CRUCIAL</b>	BLT8G4D32AET4K.M8FE1(XMP)	8GB	SS	Mircon	-	16-18-18-36	1.35	●	●	●
<b>G.SKILL</b>	F4-3200C14D-16GVK(XMP)	2x 8GB	SS	-	-	14-14-14-34	1.35	●	●	
<b>G.SKILL</b>	F4-3200C14Q-32GFX(XMP)	4x 8GB	SS	-	-	14-14-14-34	1.35	●	●	●
<b>G.SKILL</b>	F4-3200C14Q-32GTZR(XMP)	4x 8GB	SS	Samsung	-	14-14-14-34	1.35	●	●	●
<b>G.SKILL</b>	F4-3200C16D-32GTZA(XMP)	2x 16GB	DS	-	-	16-16-16-36	1.35	●	●	
<b>G.SKILL</b>	F4-3200C16Q-32GTRS(XMP)	4x 8GB	SS	Hynix	-	16-18-18-38	1.35	●	●	●
<b>G.SKILL</b>	F4-3200C16Q-32GTZB(XMP)	4x 8GB	DS	-	-	16-18-18-38	1.35	●	●	●
<b>G.SKILL</b>	F4-3200C16S-16GTZKW(XMP)	16GB	DS	Hynix	-	16-18-18-38	1.35	●	●	
<b>Hyper X</b>	HX432C16FB3AK4/64(XMP)	4x 16GB	DS	Micron	MT40A1G80	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C16FB3K4/16(XMP)	4x 4GB	SS	Hynix	H5AN4G8NAFR-UHC	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C16PB3/16(XMP)	16GB	DS	-	-	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C16PB3A/8(XMP)	8GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C16PB3AK2/16(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	●	●	
<b>Hyper X</b>	HX432C16PB3AK4/32(XMP)	4x 8GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C16PB3AK4/64(XMP)	4x 16GB	DS	Hynix	-	16-18-18-36	1.35	●	●	●

<b>Hyper X</b>	HX432C16PB3K2/16(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	●	●	
<b>Hyper X</b>	HX432C16PB3K2/32(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	●	
<b>Hyper X</b>	HX432C16PB3K4/64(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX432C18FB/4	4GB	SS	Micron	-	18-21-21-39	1.2	●	●	●
<b>Hyper X</b>	HX432C18FBK2/8	2x 4GB	SS	Micron	-	18-21-21-39	1.2	●	●	
<b>Hyper X</b>	HX432C18FBK4/16	4x 4GB	SS	Micron	-	18-21-21-39	1.2	●	●	●
<b>KINGMAX</b>	GZOG43F-18SIGP(XMP)	8GB	SS	-	-	16-18-18-38	1.35	●	●	●
<b>Klevv</b>	IM48GU88A32-GIIEZ(XMP)	2x 8GB	DS	-	-	16-18-18-38	1.35	●	●	
<b>Klevv</b>	KD48GU880-32A160T(XMP)	8GB	SS	SK Hynix	-	16-18-18-38	1.35	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3200DH2A(XMP)	16GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3200DH2A(XMP)	8GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>PATRIOT</b>	PV416G320C6K(XMP)	2x 8GB	SS	-	-	16-16-16-36	1.35	●	●	
<b>PATRIOT</b>	PV432G320C6K(XMP)	2x 16GB	DS	-	-	16-16-16-36	1.35	●	●	
<b>PATRIOT</b>	PV48G320C6K(XMP)	2x 4GB	SS	-	-	16-18-18-36	1.35	●	●	
<b>PATRIOT</b>	PVR416G320C6K(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	●	●	
<b>Silicon Power</b>	SP008GXLZU320BSB(XMP)	8GB	SS	-	-	16-18-18-38	1.35	●	●	●
<b>Super Talent</b>	F3200UA4G(XMP)	4GB	SS	-	-	16-18-18-36	1.35	●	●	●
<b>Super Talent</b>	F3200UB16G(XMP)	16GB	DS	-	-	16-18-18-36	1.35	●	●	●
<b>Teamgroup</b>	TF2D48G3200HC16CBK(XMP)	8GB	SS	-	-	16-18-18-38	1.35	●	●	
<b>Thermaltake</b>	CL-W251-CA00SW-A(XMP)	2x 8GB	SS	-	1G832C18W48	16-18-18-38	1.35	●	●	
<b>Thermaltake</b>	CL-W252-CA00SW-A(XMP)	4x 8GB	SS	-	1G832C18W48	16-18-18-38	1.35	●	●	●
<b>Thermaltake</b>	R009D408GX2-3200C16A(XMP)	2x 8GB	SS	SK Hynix	H5AN8G8NCJR-VKC	16-18-18-38	1.35	●	●	
<b>V-color</b>	TL48G32S8CRGB16(XMP)	8GB	SS	SAMSUNG	-	16-16-18-38	1.35	●	●	
<b>ZADAK</b>	ZD4-SHA3200C16-08GAS(XMP)	8GB	SS	Samsung	-	16-18-18-38	1.35	●	●	●

### DDR4 3000 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>ADATA</b>	AX4U300038G16-BBG(XMP)	8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	●	●	

Antec	AMD4UZ130001608G-5S(XMP)	8GB	SS	Micron	-	16-18-18-36	1.35	●	●	●	
Apacer	EK.16GAW.KFBK2(XMP)	8GB	DS	SK Hynix	-	16-18-18-38	-	●	●	●	
CORSAIR	CMD16GX4M2B3000C15(Ver4.23)(XMP)	2x 8GB	DS	-	-	15-17-17-35	1.35	●	●		
CORSAIR	CMD16GX4M4B3000C15(Ver4.23)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMD16GX4M4B3000C15(Ver4.24)(XMP)	4x 4GB	SS	SAMSUNG	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMD32GX4M2B3000C15(Ver5.31)(XMP)	2x 16GB	DS	SK Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMD32GX4M4B3000C15(Ver4.23)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMD32GX4M4C3000C15(Ver3.32)(XMP)	4x 8GB	DS	SK Hynix	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMD32GX4M4C3000C15(Ver5.32)(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMK16GX4M1B3000C15(Ver3.32)(XMP)	16GB	DS	Micron	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMK16GX4M2B3000C15(Ver3.32)(XMP)	2x 8GB	SS	Micron	-	15-17-17-35	1.35	●	●		
CORSAIR	CMK16GX4M2B3000C15(Ver4.23)(XMP)	2x 8GB	DS	-	-	15-17-17-35	1.35	●	●		
CORSAIR	CMK16GX4M2B3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMK16GX4M2C3000C16(Ver3.31)(XMP)	2x 8GB	SS	Micron	-	16-18-18-36	1.35	●	●		
CORSAIR	CMK16GX4M4B3000C15(Ver5.20)(XMP)	4x 4GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMK32GX4M2B3000C15(Ver4.31)(XMP)	2x 16GB	DS	-	-	15-15-15-36	1.35	●	●		
CORSAIR	CMK32GX4M4B3000C15(Ver4.24)(XMP)	4x 8GB	DS	Samsung	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMK64GX4M4B3000C15(Ver4.31)(XMP)	4x 16GB	DS	-	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMK8GX4M2B3000C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.35	●	●		
CORSAIR	CMR128GX4M8C3000C16(Ver4.31)(XMP)	8x 16GB	DS	Samsung	-	16-18-18-36	1.35	●	●	●	●
CORSAIR	CMR16GX4M2C3000C15(Ver4.31)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMR16GX4M2C3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMR32GX4M2C3000C15(Ver4.31)(XMP)	2x 16GB	DS	Samsung	-	15-17-17-35	1.35	●	●		
CORSAIR	CMR32GX4M4C3000C15(Ver3.32)(XMP)	4x 8GB	SS	Micron	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMR32GX4M4C3000C15(Ver5.39)(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMR64GX4M4C3000C15(Ver3.32)(XMP)	4x 16GB	DS	Micron	-	15-17-17-35	1.35	●	●	●	
CORSAIR	CMT32GX4M4C3000C15(Ver5.32)(XMP)	4x 8GB	SS	Hynix	-	15-17-17-35	1.35	●	●		
CORSAIR	CMU16GX4M2C3000C15(Ver3.21)(XMP)	2x 8GB	DS	Micron	-	15-15-15-36	1.35	●	●		



<b>CORSAIR</b>	CMW32GX4M4C3000C15(Ver5.32)(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●	●	
<b>CORSAIR</b>	CMW64GX4M8C3000C15(Ver5.32)(XMP)	8x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●	●	●
<b>CRUCIAL</b>	BLE4G4D30AEEA.K8FE(XMP)	4GB	SS	Samsung	-	15-16-16-35	1.35	●	●	●	
<b>CRUCIAL</b>	BLE8G4D30AEEA.K16FE(XMP)	8GB	DS	Samsung	-	15-16-16-35	1.35	●	●	●	
<b>CRUCIAL</b>	BLS16G4D30AESB.M16FE1(XMP)	16GB	DS	Micron	-	15-16-16-35	1.35	●	●		
<b>CRUCIAL</b>	BLS8G4D30AESBK.M8FE(XMP)	8GB	SS	Micron	-	15-16-16-35	1.35	●	●	●	
<b>CRUCIAL</b>	BLT4G4D30AETA.K8FE(XMP)	4GB	SS	Samsung	-	15-16-16-35	1.35	●	●	●	
<b>CRUCIAL</b>	BLT8G4D30AETA.K16FE(XMP)	8GB	DS	Samsung	-	15-16-16-35	1.35	●	●	●	
<b>CRUCIAL</b>	BLT8G4D30BET4K.C8FD(XMP)	8GB	SS	Micron	-	16-18-18-38	1.35	●	●		
<b>G.SKILL</b>	F4-3000C14Q2-128GVK(XMP)	8x 16GB	DS	Samsung	-	15-15-15-36	1.35	●	●		
<b>G.SKILL</b>	F4-3000C15D-8GTZB(XMP)	2x 4GB	SS	Samsung	-	15-16-16-35	1.35	●	●		
<b>G.SKILL</b>	F4-3000C15Q-16GRK(XMP)	4x 4GB	SS	Samsung	-	15-15-15-35	1.35	●	●	●	
<b>G.SKILL</b>	F4-3000C15Q-16GRR(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-35	1.35	●	●	●	
<b>G.SKILL</b>	F4-3000C15Q-32GRK(XMP)	4x 8GB	DS	Samsung	-	15-15-15-35	1.35	●	●		
<b>G.SKILL</b>	F4-3000C16D-16GTZR(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-38	1.35	●	●		
<b>G.SKILL</b>	F4-3000C16Q2-128GVKB(XMP)	8x 16GB	DS	SK Hynix	-	16-18-18-38	1.35	●	●	●	
<b>GeIL</b>	GEXB432GB3000C15AQC(XMP)	4x 8GB	SS	Samsung	-	15-17-17-35	1.35	●	●	●	
<b>GeIL</b>	GLR416GB3000C15ADC(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	●		
<b>GeIL</b>	GLR416GB3000C16QC(XMP)	4x 4GB	SS	Samsung	-	16-16-16-36	1.35	●	●	●	
<b>Hyper X</b>	HX430C15FB3K4/32(XMP)	4x 8GB	SS	Hynix	H5AN8G8NMFR-UHC	15-17-17-36	1.35	●	●	●	
<b>Hyper X</b>	HX430C15PB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-16-16-39	1.35	●	●	●	
<b>Hyper X</b>	HX430C15PB3/8(XMP)	8GB	SS	SK Hynix	-	15-17-17-36	1.2	●	●	●	
<b>Hyper X</b>	HX430C15PB3AK4/32(XMP)	4x 8GB	SS	Hynix	-	15-17-17-36	1.35	●	●	●	
<b>Hyper X</b>	HX430C15PB3AK4/64(XMP)	4x 16GB	DS	Hynix	-	15-17-17-36	1.35	●	●	●	
<b>Hyper X</b>	HX430C15PB3K2/16(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-36	1.35	●	●		
<b>Hyper X</b>	HX430C15PB3K2/16(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-36	1.2	●	●		
<b>Hyper X</b>	HX430C15PB3K2/32(XMP)	2x 16GB	DS	SK Hynix	-	15-17-17-36	1.35	●	●		
<b>Hyper X</b>	HX430C15PB3K2/32(XMP)	2x 16GB	DS	SK Hynix	-	15-17-17-36	1.35	●	●		

<b>Hyper X</b>	HX430C15PB3K2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-17-17-36	1.35	●	●	
<b>Hyper X</b>	HX430C15PB3K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-17-17-36	1.35	●	●	●
<b>Hyper X</b>	HX430C15PB3K4/32(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-36	1.35	●	●	●
<b>Hyper X</b>	HX430C15PB3K4/64(XMP)	4x 16GB	DS	SK Hynix	-	15-17-17-36	1.35	●	●	●
<b>Hyper X</b>	HX430C15PB3K4/64(XMP)	4x 16GB	DS	SK Hynix	-	15-17-17-36	1.35	●	●	●
<b>Hyper X</b>	HX430C15PB3K8/128(XMP)	8x 16GB	DS	SK Hynix	-	15-17-17-36	1.35	●	●	●
<b>Hyper X</b>	HX430C15SB2/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	
<b>Hyper X</b>	HX430C15SB2K2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	
<b>Hyper X</b>	HX430C15SB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	
<b>Hyper X</b>	HX430C15SB2K4/32(XMP)	4x 8GB	DS	SK Hynix	-	15-17-17-39	1.35	●	●	
<b>Hyper X</b>	HX430C16PBK4/64(XMP)	4x 16GB	DS	SK Hynix	-	16-16-16-39	1.35	●	●	●
<b>Klevv</b>	IM44GU48A30-FGGHAZ(XMP)	4GB	SS	SK Hynix	-	15-15-16-36	1.35	●	●	●
<b>Klevv</b>	IM44GU48A30-GIIHMC(XMP)	4GB	SS	SK Hynix	-	16-18-18-36	1.35	●	●	●
<b>Klevv</b>	IM44GU48N30-FFFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-16-36	1.2	●	●	
<b>Klevv</b>	IM48GU48A30-GIIHMC(XMP)	8GB	DS	SK Hynix	-	15-15-15-35	1.35	●	●	
<b>Klevv</b>	IM48GU88A30-FGGHMZ(XMP)	8GB	DS	SK Hynix	-	15-15-16-36	1.35	●	●	●
<b>Klevv</b>	IM48GU88N30-FFFHMB(XMP)	8GB	SS	SK Hynix	-	15-15-16-36	1.2	●	●	
<b>Klevv</b>	IM4AGU88A30-FGGHMZ(XMP)	16GB	DS	SK Hynix	-	15-15-16-36	1.35	●	●	
<b>Klevv</b>	IM4AGU88N30-FFFHMB(XMP)	16GB	DS	SK Hynix	-	15-15-16-36	1.2	●	●	●
<b>NEO FORZA</b>	NFMUD416E8-3000DB2A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DB3A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DC2A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DC3A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DD2A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DD3A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DH2A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-3000DH2A(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	
<b>NEO FORZA</b>	NFMUD480E8-3000DB2A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●

<b>NEO FORZA</b>	NFMUD480E8-3000DB3A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DC2A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DC3A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DD2A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DD3A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DH2A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NFMUD480E8-3000DH2A(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NMUD416E82-3000DB30(XMP)	16GB	DS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>NEO FORZA</b>	NMUD480E82-3000DB30(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	-	●	●	●
<b>PATRIOT</b>	PV416G300C6K(XMP)	2x 8GB	SS	-	-	16-16-16-36	-	●	●	
<b>PATRIOT</b>	PV416G300C6K(XMP)	4x 8GB	SS	-	-	16-16-16-36	1.35	●	●	●
<b>PATRIOT</b>	PV48G300C6K(XMP)	4x 4GB	SS	-	-	16-16-16-36	1.35	●	●	
<b>Teamgroup</b>	TCD44G3000C16CBK(XMP)	4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●	●	●
<b>Teamgroup</b>	TF3D48G3000HC16CBK(XMP)	8GB	SS	Micron	-	16-18-18-38	1.35	●	●	
<b>Teamgroup</b>	TF3D48G3000HC16CBK(XMP)	8GB	SS	Hynix	-	16-18-18-38	1.35	●	●	●
<b>Teamgroup</b>	TLTYD432G3000HC16CDC01(XMP)	2x 16GB	SS	Micron	-	16-18-18-38	1.35	●	●	
<b>Thermaltake</b>	R009D408GX2-3000C16A(XMP)	2x 8GB	SS	SK Hynix	H5AN8G8NMFR-VKC	16-18-18-38	1.35	●	●	
<b>V-color</b>	TL48G30S816RGB(XMP)	8GB	SS	SK Hynix	-	16-18-18-38	1.35	●	●	●
<b>V-color</b>	TL48G30S8SRGB15(XMP)	8GB	SS	SK Hynix	-	15-15-16-35	1.35	●	●	
<b>ZADAK</b>	ZD4-MO23000C16-08GAG(XMP)	8GB	SS	Samsung	-	16-18-18-38	1.35	●	●	

## DDR4 2933 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>CORSAIR</b>	CMK128GX4M8Z2933C16(Ver4.31)	8x 16GB	DS	Samsung	-	16-18-18-36	1.35	●	●	●	
<b>CORSAIR</b>	CMK128GX4M8Z2933C16(Ver4.31)(XMP)	8x 16GB	DS	Samsung	-	16-18-18-36	1.35	●	●	●	
<b>G.SKILL</b>	F4-2933C16D-16GFX(XMP)	2x 8GB	SS	Samsung	-	16-16-16-36	1.35	●	●		
<b>G.SKILL</b>	F4-2933C16Q-32GFX(XMP)	4x 8GB	SS	Samsung	-	16-16-16-36	1.35	●	●	●	
<b>Hyper X</b>	HX429C15PB3AK4/32(XMP)	4x 8GB	SS	Micron	-	15-17-17-39	1.35	●	●	●	

Hyper X	HX429C17FB/16(XMP)	16GB	DS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FB/4	4GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FB2/8(XMP)	8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FB2K2/16(XMP)	2x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	
Hyper X	HX429C17FB2K4/32(XMP)	4x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FBK2/32(XMP)	2x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	
Hyper X	HX429C17FBK2/8	2x 4GB	SS	Micron	-	17-19-19-39	1.2	●	●	
Hyper X	HX429C17FBK4/16	4x 4GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FBK4/64(XMP)	4x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FR/16(XMP)	16GB	DS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FR2/8(XMP)	8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FR2K2/16(XMP)	2x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FR2K4/32(XMP)	4x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FRK2/32(XMP)	2x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	
Hyper X	HX429C17FRK4/64(XMP)	4x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FW/16(XMP)	16GB	DS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FW2/8(XMP)	8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FW2K2/16(XMP)	2x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FW2K4/32(XMP)	4x 8GB	SS	Micron	-	17-19-19-39	1.2	●	●	●
Hyper X	HX429C17FWK2/32(XMP)	2x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	
Hyper X	HX429C17FWK4/64(XMP)	2x 16GB	DS	Micron	-	17-19-19-39	1.2	●	●	

## DDR4 2800 Qualified Vendors List

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
ADATA	AX4U2800W8G17-BRD(XMP)	8GB	DS	Samsung	-	17-17-17-36	1.2		●	●	
Apacer	78.BAGM8.AF20B(XMP)	4x 4GB	SS	SK Hynix	-	17-17-17-36	-		●	●	
Apacer	78.CAGM8.AF30B(XMP)	4x 8GB	DS	SK Hynix	-	17-17-17-36	-		●	●	
G.SKILL	F4-2800C14Q-64GVK(XMP)	4x 16GB	DS	Samsung	-	14-14-14-35	1.35		●		

<b>G.SKILL</b>	F4-2800C15Q2-128GRKD(XMP)	8x 16GB	DS	Samsung	-	15-15-15-36	1.35	●	●	●
<b>G.SKILL</b>	F4-2800C15Q2-64GRK(XMP)	8x 8GB	DS	SK Hynix	-	15-16-16-35	1.25	●	●	●
<b>G.SKILL</b>	F4-2800C15Q2-64GRK(XMP)	8x 8GB	DS	SK Hynix	-	15-15-15-35	1.25	●	●	
<b>G.SKILL</b>	F4-2800C16Q-16GRK(XMP)	4x 4GB	SS	Samsung	-	16-16-16-36	1.2	●	●	
<b>G.SKILL</b>	F4-2800C16Q-16GRR(XMP)	4x 4GB	SS	SK Hynix	-	16-16-16-36	1.2	●	●	
<b>G.SKILL</b>	F4-2800C16Q-32GRK(XMP)	4x 8GB	DS	Samsung	-	16-16-16-36	1.2	●	●	
<b>G.SKILL</b>	F4-2800C16Q-32GRR(XMP)	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	●	●	
<b>GeIL</b>	GPR416GB2800C16QC(XMP)	4x 4GB	SS	SK Hynix	-	16-16-16-36	1.2	●	●	
<b>GeIL</b>	GPR432GB2800C16QC(XMP)	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	●	●	
<b>Hyper X</b>	HX428C14PBK8/64(XMP)	8x 8GB	DS	SK Hynix	-	14-15-15-39	1.35	●		
<b>Hyper X</b>	HX428C14SB2/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●		
<b>Hyper X</b>	HX428C14SB2K2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●		
<b>Hyper X</b>	HX428C14SB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●		
<b>KINGMAX</b>	GLMG42F-18KIIA-CJBR4(XMP)	8GB	SS	KINGMAX	-	17-17-17-39	1.2	●	●	
<b>Klevv</b>	IMA451U6MFR8N-DG0(Ver1.05)(XMP)	4GB	SS	SK Hynix	-	16-16-16-36	1.2	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EB2A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EB3A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EC2A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EC3A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800ED2A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EH2A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD416E8-2800EH2A(XMP)	16GB	DS	SK Hynix	-	17-17-17-36	-	●	●	
<b>NEO FORZA</b>	NFMUD480E8-2800DB2A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		
<b>NEO FORZA</b>	NFMUD480E8-2800DB3A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		
<b>NEO FORZA</b>	NFMUD480E8-2800DC2A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		
<b>NEO FORZA</b>	NFMUD480E8-2800DC3A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		
<b>NEO FORZA</b>	NFMUD480E8-2800DD2A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		
<b>NEO FORZA</b>	NFMUD480E8-2800DD3A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●		

<b>NEO FORZA</b>	NFMUD480E8-2800DH2A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●			
<b>NEO FORZA</b>	NFMUD480E8-2800DH2A(XMP)	8GB	SS	SK Hynix	-	17-17-17-36	-	●			
DDR4 2666 Qualified Vendors List											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
<b>ADATA</b>	AD4U2666316G19-B	16GB	DS	SpecTek	-	19-19-19-43	1.2	●	●	●	
<b>ADATA</b>	AD4U266638G19	8GB	SS	Nanya	NT5AD1024MBA3-GZ	19-19-19-43	1.2	●	●	●	
<b>ADATA</b>	AO2P26KCST2	16GB	DS	ADATA	43QA-0819HNA1810K	19-19-19-43	1.2	●	●	●	
<b>AITC</b>	AID48G26RDZ	8GB	SS	Micron	-	19-19-19-43	-	●	●	●	
<b>Antec</b>	AMD4UZ126661608G-5S(XMP)	8GB	SS	Micron	-	16-18-18-35	1.2	●	●	●	
<b>Apacer</b>	AHU08GGB26CDU7G(XMP)	8GB	SS	SK Hynix	-	16-16-16-36	1.2	●	●	●	
<b>Apacer</b>	AU04GGB26CQTBGH	4GB	SS	-	PPE22-093	19-19-19-43	-	●	●	●	
<b>Apacer</b>	AU08GGB26CQYBGH	8GB	SS	Apacer	AM6F63080HHMF5	19-19-19-43	1.2	●	●	●	
<b>Apacer</b>	AU08GGB26CQYBGH	8GB	SS	Apacer	AM6F63080HJMF5	19-19-19-43	-	●	●	●	
<b>Apacer</b>	AU16GGB26CQYBGH	16GB	DS	Apacer	AM6F6308BRHSF5	19-19-19-43	1.2	●	●	●	
<b>Apacer</b>	EL.08G2V.GNH	8GB	SS	Apacer	AM6F63080HJMF5	19-19-19-43	-	●	●	●	
<b>Apacer</b>	EL.16G2V.GNH	16GB	DS	Apacer	AM6F6308BRHSF5	19-19-19-43	1.2	●	●	●	
<b>Asgard</b>	VMA42UH-MEC1U2AJ2(XMP)	16GB	SS	-	-	19-19-19-43	1.2	●	●	●	
<b>CORSAIR</b>	CMD128GX4M8A2666C15(Ver4.31)(XMP)	8x 16GB	DS	Samsung	-	15-15-15-36	1.2	●	●	●	●
<b>CORSAIR</b>	CMD16GX4M2A2666C15(Ver4.23)(XMP)	2x 8GB	DS	-	-	15-17-17-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4A2666C15(Ver4.23)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4A2666C16(Ver4.23)(XMP)	4x 4GB	SS	-	-	16-18-18-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD16GX4M4A2666C16(Ver5.29)(XMP)	4x 4GB	SS	-	-	16-18-18-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD32GX4M4A2666C15(Ver4.23)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD32GX4M4A2666C15(Ver5.29)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD32GX4M4A2666C16(Ver4.23)(XMP)	4x 8GB	DS	-	-	16-18-18-35	1.2	●	●	●	
<b>CORSAIR</b>	CMD64GX4M8A2666C15(Ver4.24)(XMP)	8x 8GB	DS	Samsung	-	15-15-15-36	1.2	●	●	●	●
<b>CORSAIR</b>	CMD64GX4M8A2666C15(Ver5.32)(XMP)	8x 8GB	SS	Hynix	-	15-17-17-35	1.2	●	●	●	

CORSAIR	CMD8GX4M2A2666C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.2	●	●		
CORSAIR	CMD8GX4M2A2666C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.2	●	●		
CORSAIR	CMK128GX4M8A2666C16(Ver3.31)(XMP)	8x 16GB	DS	Micron	-	16-18-18-35	1.2	●	●	●	●
CORSAIR	CMK128GX4M8A2666C16(Ver3.32)(XMP)	8x 16GB	DS	Micron	-	16-18-18-35	1.2	●	●	●	●
CORSAIR	CMK128GX4M8A2666C16(Ver5.39)(XMP)	8x 16GB	DS	SK Hynix	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK16GX4M2A2666C16(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●		
CORSAIR	CMK16GX4M4A2666C16(Ver3.21)(XMP)	4x 4GB	SS	Micron	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK16GX4M4A2666C16(Ver3.21)(XMP)	4x 4GB	SS	Micron	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK16GX4M4A2666C16(Ver4.23)(XMP)	4x 4GB	SS	-	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M2A2666C16(Ver4.31)(XMP)	2x 16GB	DS	-	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M2A2666C16R(Ver3.31)(XMP)	2x 16GB	DS	Micron	-	15-15-15-36	1.2	●	●		
CORSAIR	CMK32GX4M4A2666C15(Ver4.23)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.2	●	●	●	●
CORSAIR	CMK32GX4M4A2666C16(Ver3.20)(XMP)	4x 8GB	DS	Micron	-	15-15-15-36	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver3.21)(XMP)	4x 8GB	DS	Micron	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.39)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●		
CORSAIR	CMK32GX4M4A2666C16R(Ver4.23)(XMP)	4x 8GB	DS	-	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK64GX4M4A2666C16(Ver3.31)(XMP)	4x 16GB	DS	Micron	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMK64GX4M4A2666C16(Ver4.31)(XMP)	4x 16GB	DS	Samsung	-	15-15-15-36	1.2	●	●	●	
CORSAIR	CMK8GX4M2A2666C16(Ver3.22)(XMP)	2x 4GB	SS	Micron	-	16-18-18-35	1.2	●	●		
CORSAIR	CMR16GX4M2A2666C16(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●		
CORSAIR	CMR64GX4M8A2666C16(Ver5.30)(XMP)	8x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●	●	●
CORSAIR	CMU32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●	●	
CORSAIR	CMV16GX4M1A2666C18	16GB	DS	Micron	-	18-18-18-43	1.2	●	●	●	
CORSAIR	CMV32GX4M1A2666C18	32GB	DS	Micron	MT40A2G8075E	18-18-18-43	1.2	●	●	●	
CORSAIR	CMV4GX4M1A2666C18	4GB	SS	Micron	-	18-18-18-43	1.2	●	●	●	

<b>CORSAIR</b>	CMV8GX4M1A2666C18	8GB	SS	Micron	-	18-18-18-43	1.2	●	●	●
<b>CRUCIAL</b>	BLE4G4D26AFEA.8FAD (XMP)	4GB	SS	Micron	-	16-17-17-36	1.2	●	●	●
<b>CRUCIAL</b>	BLE8G4D26AFEA.16FAD(XMP)	8GB	DS	Micron	-	16-17-17-36	1.2	●	●	●
<b>CRUCIAL</b>	BLS16G4D26BFSB.16FD(XMP)	16GB	DS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS16G4D26BFSC.16FBD(XMP)	16GB	DS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS4G4D26BFSB.8FB(XMP)	4GB	SS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS4G4D26BFSC.8FBR2(XMP)	4GB	SS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS8G4D26BFSBK.8FD(XMP)	8GB	SS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS8G4D26BFSC.16FBR2(XMP)	8GB	DS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLS8G4D26BFSC.8FBR(XMP)	8GB	SS	Micron	-	16-18-18-38	1.2	●	●	●
<b>CRUCIAL</b>	BLT4G4D26AFTA.8FADG(XMP)	4GB	SS	Micron	-	16-16-16-39	1.2	●	●	●
<b>CRUCIAL</b>	BLT4G4D26AFTA.8FADG(XMP)	4x4GB	SS	Micron	-	16-17-17-36	1.2	●	●	●
<b>CRUCIAL</b>	BLT8G4D26AFTA.16FAD(XMP)	4x 8GB	DS	Micron	-	16-17-17-36	1.2	●	●	●
<b>CRUCIAL</b>	BLT8G4D26AFTA.16FAD(XMP)	8GB	DS	Micron	-	16-16-16-39	1.2	●	●	●
<b>CRUCIAL</b>	CT16G4DFD8266.16FE1	16GB	DS	Micron	D9VPP	19-19-19-43	1.2	●	●	●
<b>CRUCIAL</b>	CT16G4DFD8266.M16FE	16GB	DS	Micron	D9VPP	19-19-19-43	1.2	●	●	●
<b>CRUCIAL</b>	CT32G4DFD8266.16FB1	32GB	DS	Micron	D9XPF	19-19-19-43	1.2	●	●	●
<b>CRUCIAL</b>	CT8G4DFS8266.8FE1	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>CRUCIAL</b>	CT8G4DFS8266.M8FE	8GB	SS	Micron	D9VPP	19-19-19-43	1.2	●	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRR(XMP)	4x 4GB	SS	Hynix	-	15-15-15-35	1.2	●	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GRR(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●
<b>G.SKILL</b>	F4-2666C16Q2-128GVK(XMP)	8x 16GB	DS	SK Hynix	-	16-16-16-36	1.2	●	●	●
<b>GeIL</b>	GREXR432GB2666C16QC(XMP)	4x 8GB	SS	Micron	-	16-18-18-36	1.35	●	●	●
<b>GeIL</b>	GREXR464GB2666C16QC(XMP)	4x 16GB	DS	Micron	-	16-18-18-36	1.35	●	●	●
<b>Hyper X</b>	HX426C13PB3/16(XMP)	16GB	DS	SK Hynix	-	13-15-15-35	1.35	●	●	●
<b>Hyper X</b>	HX426C13PB3K2/32(XMP)	2x 16GB	DS	SK Hynix	-	13-15-15-35	1.35	●	●	●
<b>Hyper X</b>	HX426C13PB3K4/64(XMP)	4x 16GB	DS	SK Hynix	-	13-15-15-35	1.35	●	●	●
<b>Hyper X</b>	HX426C13SB2/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	●



Hyper X	HX426C13SB2K2/16(XMP)	2x 8GB	DS	Nanya	NT5AD512M8B1-GN	15-15-15-36	1.35	●	●	
Hyper X	HX426C13SB2K2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	
Hyper X	HX426C13SB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	
Hyper X	HX426C13SB2K4/32(XMP)	4x 8GB	DS	Nanya	NT5AD512M8B1-GN	15-15-15-36	1.35	●	●	
Hyper X	HX426C15FB/4	4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	●
Hyper X	HX426C15FB/4	4GB	SS	Micron	-	15-17-17-35	1.2	●	●	●
Hyper X	HX426C15FB/8	8GB	DS	SK Hynix	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FB/8	8GB	DS	Micron	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/16	2x 8GB	DS	SK Hynix	-	15-15-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/16	2x 8GB	DS	SK Hynix	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/16	2x 8GB	DS	Micron	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/8	2x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/8	2x 4GB	SS	Micron	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/16	4x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	●
Hyper X	HX426C15FBK4/16	4x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	●
Hyper X	HX426C15FBK4/16	4x 4GB	SS	Micron	-	15-17-17-35	1.2	●	●	●
Hyper X	HX426C15FBK4/32	4x 8GB	DS	SK Hynix	-	15-15-17-35	1.2	●	●	●
Hyper X	HX426C15FBK4/32	4x 8GB	DS	SK Hynix	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/32	4x 8GB	DS	Micron	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15SBK4/64(XMP)	4x 16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	
Hyper X	HX426C16FB2/8(XMP)	8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FB2K2/16(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FB2K4/32(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FBK4/64	4x 16GB	DS	SK Hynix	-	16-18-18-39	-	●	●	●
Hyper X	HX426C16FW/16	16GB	DS	SK Hynix	-	16-18-18-39	1.2	●	●	●
Hyper X	HX426C16FWK2/32	2x 16GB	DS	SK Hynix	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FWK4/64	4x 16GB	DS	SK Hynix	-	16-18-18-39	1.2	●	●	●
INNODISK	M4C0-8GS1LCIK-E93	8GB	SS	Samsung	K4A8G085WCBCTD(ECC)	19-19-19-43	1.2	●	●	●

<b>INNODISK</b>	M4C0-8GSSMCIK-E93	8GB	DS	Samsung	K4A4G085WFBCTD(ECC)	19-19-19-43	1.2	●	●	●
<b>INNODISK</b>	M4C0-AGS1MCIK-E93	16GB	DS	Samsung	K4A8G085WCBCTD(ECC)	19-19-19-43	1.2	●	●	●
<b>INNODISK</b>	M4U0-8GS1JCIK-E93	8GB	SS	Samsung	K4A8G085WCBCTD	19-19-19-43	1.2	●	●	●
<b>INNODISK</b>	M4U0-8GSSKCIK-E93	8GB	DS	Samsung	K4A4G085WFBCTD	19-19-19-43	1.2	●	●	●
<b>INNODISK</b>	M4U0-AGS1KCIK-E93	16GB	DS	Samsung	K4A8G085WCBCTD	19-19-19-43	1.2	●	●	●
<b>J&amp;A</b>	JRLL4U2666172408-8M	8GB	SS	-	PP020-093DG	19-19-19-43	1.2	●	●	●
<b>J&amp;A</b>	JRLL4U2666172408-4M	4GB	SS	-	PPE62-093DG	19-19-19-43	1.2	●	●	●
<b>Kingston</b>	KVR26N19D8/16	16GB	DS	Micron	D9TZV	19-19-19-43	1.2			●
<b>Kingston</b>	KVR26N19D8/16	16GB	DS	Micron	D9VHP	19-19-19-43	1.2	●	●	●
<b>Kingston</b>	KVR26N19D8/16I	16GB	DS	Kingston	D1028AN9APGRK	19-19-19-43	1.2	●	●	●
<b>Kingston</b>	KVR26N19S8/8	8GB	SS	Micron	D9TZV	19-19-19-43	1.2			●
<b>Kingston</b>	KVR26N19S8/8	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>Klevv</b>	IM44GU48N26-FFHAZ(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	
<b>Klevv</b>	IM48GU88N26-FFFHMZ(XMP)	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
<b>Klevv</b>	IM4AGU88N26-FFFHMZ(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	
<b>Klevv</b>	KD44GU481-26N1600(XMP)	4GB	SS	ESSENCORE	E5AN4G8N1JR	16-18-18-38	1.2	●	●	●
<b>Klevv</b>	KD48GU481-26N1600(XMP)	8GB	DS	ESSENCORE	E5AN4G8N1JR	16-18-18-38	1.2	●	●	●
<b>Klevv</b>	KM4C8GX4N-2666-15-15-15-35-0 (XMP)	8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●
<b>Klevv</b>	KM4C8GX4N-2666-15-15-15-35-1(XMP)	8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●
<b>Micron</b>	MTA16ATF2G64AZ-2G6E1	16GB	DS	Micron	D9VPP	19-19-19-43	1.2	●	●	●
<b>Micron</b>	MTA16ATF2G64AZ-2G6E1	16GB	DS	Micron	D9WFL	19-19-19-43	-	●	●	●
<b>Micron</b>	MTA16ATF2G64AZ-2G6H1	16GB	DS	Micron	D9VHP	19-19-19-43	-			●
<b>Micron</b>	MTA16ATF4G64AZ-2G6B1	32GB	DS	Micron	D9XPF	19-19-19-43	1.2	●	●	●
<b>Micron</b>	MTA8ATF1G64AZ-2G6E1	8GB	SS	Micron	D9VPP	19-19-19-43	1.2	●	●	●
<b>Micron</b>	MTA8ATF1G64AZ-2G6E1	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>Micron</b>	MTA8ATF1G64AZ-2G6H1	8GB	SS	Micron	D9VHP	19-19-19-43	-			●
<b>panram</b>	W4U2666PS-16G	2x 16GB	DS	SK Hynix	DDR4-1GM8-26	16-18-18-35	1.2	●	●	
<b>panram</b>	W4U2666PS-8G	2x 8GB	SS	SK Hynix	DDR4-1GM8-26	16-18-18-35	1.2	●	●	

<b>Patriot</b>	PVR416G266C5K(XMP)	2x 8GB	SS	Micron	-	15-17-17-35	1.2	●	●	
<b>SK Hynix</b>	HMA81GU6CJR8N-VK	8GB	SS	SK Hynix	H5AN8G8NCJR	19-19-19-43	1.2	●	●	●
<b>SK Hynix</b>	HMA82GU6CJR8N-VK	16GB	DS	SK Hynix	H5AN8G8NCJ	19-19-19-43	-	●	●	●
<b>SK Hynix</b>	HMA82GU7CJR8N-VK	16GB	DS	SK Hynix	H5AN8G8NCJRVKC	19-19-19-43	-	●	●	●
<b>SK Hynix</b>	HMAA4GU6AJR8N-VK	32GB	DS	SK Hynix	H5ANAG8NAJRVKC	19-19-19-43	-	●	●	●
<b>SL LINK</b>	J4AGUH1G8QHBC	16GB	DS	SK Hynix	H5AN8G8NAFRVKC	19-19-19-43	1.2	●	●	●
<b>SL LINK</b>	J4BGUS2G8QHBC	32GB	DS	-	K4AAG085WMBCTD	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TCD44G2666C15BBK(XMP)	4GB	SS	SK Hynix	T4D5128HT-266	15-17-17-35	1.2	●	●	
<b>Teamgroup</b>	TED416G2666C1901	16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TED416G2666C19DC01	2x 8GB	SS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TED416G2666C19QC01	4x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TED432G2666C19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TED432G2666C19QC01	4x 8GB	SS	SK Hynix	-	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TED44G2666C1901	4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TED44G2666C19BK	4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TED464G2666C19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TED48G2666C1901	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TED48G2666C19DC01	2x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD416G2666HC1901	16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD416G2666HC19BK	16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD416G2666HC19DC01	2x 8GB	SS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD416G2666HC19QC01	4x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TPD432G2666HC19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD432G2666HC19QC01	4x 8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TPD44G2666HC1901	4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TPD464G2666HC19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
<b>Teamgroup</b>	TPD48G2666HC1901	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
<b>Teamgroup</b>	TPD48G2666HC19BK	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●

Teamgroup	TPD48G2666HC19DC01	2x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	
Teamgroup	TPRD416G2666HC1901	16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
Teamgroup	TPRD416G2666HC19DC01	2x 8GB	SS	Micron	-	19-19-19-43	1.2	●	●	
Teamgroup	TPRD416G2666HC19QC01	4x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
Teamgroup	TPRD432G2666HC19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
Teamgroup	TPRD432G2666HC19QC01	4x 8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
Teamgroup	TPRD44G2666HC1901	4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	●
Teamgroup	TPRD464G2666HC19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	●	●	
Teamgroup	TPRD48G2666HC1901	8GB	SS	Micron	-	19-19-19-43	1.2	●	●	●
Teamgroup	TPRD48G2666HC19DC01	2x 4GB	SS	Teamgroup	T4D5128MT-266	19-19-19-43	1.2	●	●	
Tigo	TMKG8G2666C16(XMP)	8GB	SS	Micron	-	16-18-18-38	1.2	●	●	●
V-color	TE416G26D819	8x 2GB	SS	SK Hynix	H5ANAG8NAMRUHC(ECC)	19-19-19-43	1.2	●	●	

### DDR4 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	4 DIMM	8 DIMM
ADATA	AD4U2400316G17	16GB	DS	Nanya	NT5AD1024M8A3-GZ	17-17-17-39	1.2	●	●		
ADATA	AD4X240038G17	8GB	SS	SpecTech	PS023-093 TP	17-17-17-39	1.2	●	●		
ADATA	AD4X2400W4G17	4GB	SS	SK Hynix	H5AN4G8NBJRUHC	17-17-17-39	1.2	●	●	●	
Antec	AMD4UZ124001508G-3S	8GB	SS	Samsung	K4A8G085WBBCPB	15-15-15-39	1.2	●	●	●	
Antec	AMD4UZ124001608G-5S	8GB	SS	Micron	-	16-16-16-36	1.2	●	●	●	
Apacer	78.C1GMS.4010B	4x 8GB	DS	Samsung	K4A4G085WD	17-17-17-39	-	●	●	●	
Apacer	AHU08GGB24CDU7G(XMP)	8GB	SS	-	-	16-16-16-36	1.2	●	●	●	
Apacer	AU04GGB24CETBGH	4GB	SS	Micron	AM6F67080THSB2	17-17-17-39	1.2	●	●	●	
Apacer	AU08GGB24CEYBGH	8GB	SS	Apacer	AM6F63080HJMB2	17-17-17-39	-	●	●	●	
Apacer	EK.08G2T.GEC(XMP)	8GB	SS	Micron	-	17-17-17-39	-	●	●	●	
Apacer	EL.04G2T.KFH	4GB	SS	Micron	AM6F67080THSB2	17-17-17-39	1.2	●	●	●	
Apacer	EL.08G2T.GFH	8GB	SS	Apacer	AM6F63080HJMB2	17-17-17-39	-	●	●	●	
Apacer	EL.08G2T.GFM	8GB	SS	SK Hynix	AM6F6308MHHSB2	17-17-17-39	-	●	●	●	

<b>CORSAIR</b>	CMK128GX4M8A2400C14(Ver3.31)(XMP)	8x 16GB	DS	Micron	-	15-16-16-31	1.2	●	●	●	●
<b>CORSAIR</b>	CMK16GX4M2A2400C16(Ver3.31)(XMP)	2x 8GB	DS	Micron	-	15-15-15-36	1.2	●	●		
<b>CORSAIR</b>	CMK16GX4M2Z2400C16(Ver3.31)	2x 8GB	SS	Micron	-	16-16-16-39	1.2	●	●		
<b>CORSAIR</b>	CMK16GX4M4A2400C14(Ver4.23)(XMP)	4x 4GB	SS	-	-	14-16-16-31	1.2	●	●	●	
<b>CORSAIR</b>	CMK16GX4M4A2400C14(Ver5.20)(XMP)	4x 4GB	SS	SK Hynix	-	14-16-16-31	1.2	●	●	●	
<b>CORSAIR</b>	CMK32GX4M4A2400C14(Ver3.31)(XMP)	4x 8GB	SS	Micron	-	14-16-16-31	1.2	●	●	●	
<b>CORSAIR</b>	CMK32GX4M4A2400C14(Ver4.23)(XMP)	4x 8GB	DS	-	-	14-16-16-31	1.2	●	●	●	
<b>CORSAIR</b>	CMK32GX4M4A2400C16(Ver3.31)(XMP)	4x 8GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	
<b>CORSAIR</b>	CMK64GX4M4A2400C14(Ver3.31)(XMP)	4x 16GB	DS	Micron	-	15-15-15-36	1.2	●	●	●	
<b>CORSAIR</b>	CMK64GX4M4A2400C14(Ver4.31)(XMP)	4x 16GB	DS	Samsung	-	15-15-15-36	1.2	●	●	●	
<b>CORSAIR</b>	CMK64GX4M4A2400C16(Ver3.32)(XMP)	4x 16GB	DS	Micron	-	16-16-16-39	1.2	●	●		
<b>CRUCIAL</b>	BLS16G4D240FSB.16FBD(XMP)	16GB	DS	Micron	-	16-16-16-39	1.2	●	●	●	
<b>CRUCIAL</b>	BLS4G4D240FSB.8FBD(XMP)	4GB	SS	Micron	-	16-16-16-39	1.2	●	●	●	
<b>CRUCIAL</b>	BLS8G4D240FSBK.8FBD(XMP)	8GB	SS	Micron	-	16-16-16-39	1.2	●	●	●	
<b>CRUCIAL</b>	CT16G4DFD824A.16FB1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●	●		
<b>CRUCIAL</b>	CT16G4DFD824A.C16FDR1	16GB	DS	Micron	C9BGV	17-17-17-39	1.2	●	●		
<b>CRUCIAL</b>	CT8G4DFS824A.8FB1	8GB	SS	Micron	-	17-17-17-39	1.2	●	●	●	
<b>G.SKILL</b>	F4-2400C14Q2-128GRK(XMP)	8x 16GB	DS	Samsung	-	14-14-14-34	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C14Q2-128GRK(XMP)	8x 16GB	DS	Samsung	-	15-15-15-36	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C14Q2-128GRK(XMP)	8x 16GB	DS	SK Hynix	-	14-14-14-34	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRR(XMP)	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●	●	
<b>G.SKILL</b>	F4-2400C15Q2-128GRK(XMP)	8x 16GB	DS	Samsung	-	15-15-15-35	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C15Q2-128GVK(XMP)	8x 16GB	DS	SK Hynix	-	15-15-15-36	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C15Q2-64GRK(XMP)	8x 8GB	DS	Samsung	-	15-15-15-35	1.2	●	●	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRR(XMP)	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●	●	
<b>GALAX</b>	Gamer Aurira Vision (XMP)	8GB	SS	Micron	-	17-16-16-36	1.2	●	●	●	
<b>GeIL</b>	GASB416GB2400C16QC(XMP)	4GB	SS	Micron	-	16-16-16-36	1.2	●	●	●	
<b>GeIL</b>	GASB432GB2400C16QC(XMP)	8GB	SS	Micron	-	16-16-16-36	1.2	●	●	●	

GeIL	GEL416GB2400C17SC	16GB	DS	GeIL	CG4L1GM88BA093AH	17-17-17-39	-	●	●	●
GeIL	GEL48GB2400C17SC	8GB	SS	GeIL	GEL48GB2400C17SC	17-17-17-39	-	●	●	●
GeIL	GFR416GB2400C16S(XMP)	16GB	SS	Micron	-	16-16-16-36	1.2	●	●	
GeIL	GFR432GB2400C16D(XMP)	16GB	SS	Micron	-	16-16-16-36	1.2	●	●	●
GeIL	GLR464GB2400C14QC(XMP)	4x 16GB	DS	Micron	-	14-14-14-35	1.2	●	●	●
GeIL	GLS48GB2400C16DC(XMP)	4GB	SS	Micron	-	16-16-16-36	1.2	●	●	
GeIL	GPR416GB2400C15QC(XMP)	4x 4GB	SS	-	-	15-15-15-35	1.2	●	●	●
GeIL	GPR432GB2400C15QC(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●
GeIL	GPR432GB2400C16QC(XMP)	4x 8GB	SS	Micron	-	16-16-16-36	1.2	●	●	●
Hyper X	HX424C12PB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	12-13-13-35	1.2	●	●	●
Hyper X	HX424C12SB2/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	●
Hyper X	HX424C12SB2/8(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	●	
Hyper X	HX424C12SB2K2/16(XMP)	2x 8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	●	
Hyper X	HX424C12SB2K2/16(XMP)	2x 8GB	DS	Nanya	NT5AD512M8B1-GN	15-15-15-36	1.35	●	●	
Hyper X	HX424C12SB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	●	●
Hyper X	HX424C12SB2K4/32(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	●	
Hyper X	HX424C12SB2K4/32(XMP)	4x 8GB	DS	Nanya	NT5AD512M8B1-GN	15-15-15-36	1.35	●	●	
Hyper X	HX424C15B2K4/32(XMP)	4x 8GB	SS	Micron	-	15-15-15-35	1.2	●	●	●
Hyper X	HX424C15FB/4	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
Hyper X	HX424C15FB/8(XMP)	8GB	SS	SK Hynix	-	14-14-14-32	1.2	●	●	
Hyper X	HX424C15FB2/8(XMP)	8GB	SS	Hynix	-	15-15-15-35	1.2	●	●	
Hyper X	HX424C15FBK2/32	2x 16GB	DS	Hynix	-	15-15-15-35	1.2	●	●	
Hyper X	HX424C15FBK2/32	2x 16GB	DS	Nanya	-	15-15-15-35	1.2	●	●	
Hyper X	HX424C15FBK2/8	2x 4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	
Hyper X	HX424C15FBK4/16	4x 4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
Hyper X	HX424C15FBK4/16	4x4GB	SS	SK Hynix	-	14-14-14-32	1.2	●	●	●
Hyper X	HX424C15FBK4/32	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	
Hyper X	HX424C15FBK4/32	4x 8GB	DS	PSC	-	15-15-15-35	1.2	●	●	●

Hyper X	HX424C15FBK4/64	4x 16GB	DS	Micron	-	15-15-15-35	1.2	●	●	●
J&A	JRLL4U2400172408-8M	8GB	SS	-	PPE34-093DG	17-17-17-39	1.2	●	●	
J&A	JRLL4U2400172408-4M	4GB	SS	-	PPE62-093DG	17-17-17-39	1.2	●	●	●
KINGMAX	GLLH22F-18KIIA-CFBU2	16GB	DS	KINGMAX	PS0223-093-TP	17-17-17-39	-	●	●	●
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	KVR24N17D8L/16-SP	16GB	DS	Kingston	D1028AN9APGRK	17-17-17-39	1.2	●	●	●
Kingston	KVR24N17D8L/8-SP	8GB	DS	Kingston	D5128ACPCPGPH	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	●	●	
Klevv	IM44GU48N24-FFFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
Klevv	IM44GU48N24-FFFHAZ(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	
Klevv	IM48GU88N24-FFFHMB(XMP)	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
Klevv	IM48GU88N24-FFFHMZ(XMP)	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●
Klevv	IM4AGU88N24-FFFHMB(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	
Klevv	IM4AGU88N24-FFFHMZ(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	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			●
panram	W4U2400PS-8G	8GB	SS	SK Hynix	DTCCH912G2	14-14-14-31	-	●	●	●
PATRIOT	PSD416G24002	16GB	DS	Samsung	K4A8G085WB	17-17-17-39	1.2	●	●	
PATRIOT	PSD44G240081	4GB	SS	Samsung	K4A4G085WE	16-16-16-39	1.2	●	●	●
PATRIOT	PSD48G240081	8GB	SS	Samsung	K4A8G085WB	17-17-17-39	1.2	●	●	●
PATRIOT	PVE416G240C5KRD(XMP)	2x 8GB	SS	-	-	15-15-15-35	-	●	●	
PATRIOT	PVE48G240C5KRD(XMP)	2x 4GB	SS	-	-	15-15-15-35	-	●	●	
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	-			● ●
Teamgroup	TCD44G2400C14BK(XMP)	4GB	SS	SK Hynix	H5AN4GBNAFRFC	14-16-16-31	1.2	●	●	
Teamgroup	TCD48G2400C14BK(XMP)	8GB	SS	-	T4D10248MT-24	15-16-16-31	1.2	●	●	

Teamgroup	TED416G2400C16BK	16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TED416G2400C16DC01	2x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	
Teamgroup	TED416G2400C16QC01	4x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TED432G2400C16QC01	4x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TED44G2400C1601	4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TED44G2400C16BK	4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TED48G2400C1601	8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TED48G2400C16BK	8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TED48G2400C16BK	8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TED48G2400C16DC01	2x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	
Teamgroup	TF3D48G2400HC15BBK(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	
Teamgroup	TF4D48G2400HC15BBK(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	
Teamgroup	TLTYD416G2400HC14DC01(XMP)	2x 8GB	SS	SK Hynix	-	14-16-16-31	1.2	●	●	
Teamgroup	TLTYD432G2400HC15BDC01(XMP)	2x 16GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●	
Teamgroup	TPD416G2400HC16DC01	2x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	
Teamgroup	TPD416G2400HC16QC01	4x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TPD432G2400HC16QC01	4x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TPD44G2400HC1601	4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TPD48G2400HC1601	8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TPD48G2400HC16DC01	2x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	
Teamgroup	TPRD416G2400HC16DC01	2x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	
Teamgroup	TPRD416G2400HC16QC01	4x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TPRD432G2400HC16QC01	4x 8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TPRD44G2400HC1601	4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	●
Teamgroup	TPRD48G2400HC1601	8GB	SS	Teamgroup	T4D10248MT-24	16-16-16-39	1.2	●	●	●
Teamgroup	TPRD48G2400HC16DC01	2x 4GB	SS	Teamgroup	H5AN4G8NAFR	16-16-16-39	1.2	●	●	
V-color	TD4G8C17-UH	4GB	SS	SK Hynix	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	DIMM socket support (Optional)			
								1 DIMM	2 DIMM	4 DIMM	8 DIMM
Apacer	78.B1GM3.AF00B	4x 4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	●	
Apacer	78.C1GM3.AF10B	4x 8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	●	
Apacer	AHU08GGB13CGT7G	4x 8GB	DS	Apacer	AM6F60080THMA1	15-15-15-36	1.2	●	●		
Apacer	AU08GGB13CDYBGH	8GB	SS	Micron	AM6F6308BTHSB2	15-15-15-36	1.2	●	●	●	
Apacer	EL.08G2R.GDH	8GB	SS	Micron	AM6F6308BTHSB2	15-15-15-36	1.2	●	●	●	
CENTURY MICRO INC	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	-	●	●	●	
CENTURY MICRO INC	CK8GX4-D4U2133	4x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-35	1.2	●	●	●	
CORSAIR	CMK16GX4M4A2133C13(Ver4.23)(XMP)	4x 4GB	SS	-	-	13-15-15-28	1.2	●	●	●	
CORSAIR	CMK32GX4M2A2133C13(Ver4.31)(XMP)	2x 16GB	DS	-	-	15-15-15-36	1.2	●	●		
CORSAIR	CMK32GX4M4A2133C13(Ver4.23)(XMP)	4x 8GB	DS	-	-	13-15-15-28	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2133C15(Ver3.20)	4x 8GB	DS	-	-	15-15-15-36	1.2	●	●	●	
CORSAIR	CMK32GX4M4A2133C15(Ver5.29)	4x 8GB	DS	-	-	15-15-15-36	1.2	●	●	●	
CORSAIR	CMK64GX4M8A2133C13(Ver5.39)(XMP)	8x 8GB	SS	SK Hynix	-	14-15-15-28	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	CT4G4DFS8213.8FA2	4GB	SS	Micron	D9RGQ	15-15-15-36	1.2	●	●	●	
CRUCIAL	CT4G4DFS8213.8FB1	4GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	●
CRUCIAL	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	●	●	●	
CRUCIAL	CT8G4DFS8213.8FB1	8GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	
G.SKILL	F4-2133C15Q-16GRR	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●	●	
G.SKILL	F4-2133C15Q2-128GVK	8x 16GB	DS	SK Hynix	-	15-15-15-36	1.2	●	●	●	●

<b>G.SKILL</b>	F4-2133C15Q2-64GRR	8x 8GB	DS	SpecTek	-	15-15-15-35	1.2	●	●	●	
<b>G.SKILL</b>	F4-2133C15Q-32GRR	4x 8GB	DS	Micron	-	15-15-15-35	-	●	●	●	
<b>GelL</b>	GPR416GB2133C15QC	4x 4GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	
<b>GelL</b>	GPR432GB2133C15QC	4x 8GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	
<b>Hyper X</b>	HX421C13SB/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.2	●	●	●	
<b>Hyper X</b>	HX421C13SB/8(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.2	●	●		
<b>Hyper X</b>	HX421C13SBK2/16(XMP)	2x 8GB	DS	SK Hynix	-	15-15-15-36	1.2	●	●		
<b>Hyper X</b>	HX421C13SBK2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-15-15-36	1.2	●	●		
<b>Hyper X</b>	HX421C13SBK4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.2	●	●	●	
<b>Hyper X</b>	HX421C13SBK4/32(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-36	1.2	●	●		
<b>Hyper X</b>	HX421C14FB/4	4GB	SS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FB/8	8GB	DS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FB2K4/32(XMP)	4x 8GB	SS	Micron	-	14-14-14-35	1.2	●	●	●	
<b>Hyper X</b>	HX421C14FBK2/16	2x 8GB	DS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FBK2/8	2x 4GB	SS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FBK4/16	4x 4GB	SS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FBK4/32	4x 8GB	DS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Hyper X</b>	HX421C14FBK4/64	4x 16GB	DS	Micron	-	15-15-15-35	1.2	●	●	●	
<b>Hyper X</b>	HX421C14FBK8/64	8x 8GB	DS	SK Hynix	-	14-14-14-35	1.2	●	●		
<b>Kingston</b>	KVR21N15D8/16	16GB	DS	Micron	D9VHP	15-15-15-36	1.2	●	●	●	
<b>Kingston</b>	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2			●	
<b>Klevv</b>	IM44GU48N21-FFFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●		
<b>Klevv</b>	IM48GU88N21-FFFHMB(XMP)	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●	●	
<b>Klevv</b>	IM4AGU88N21-FFFHMB(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●		
<b>Klevv</b>	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●	●
<b>Klevv</b>	KM4C8GX4N-2133-15-15-15-35-1	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●	●	
<b>Micron</b>	MTA16ATF1G64AZ-2G1A1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2			●	
<b>Micron</b>	MTA16ATF2G64AZ-2G1B1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2			●	

<b>Micron</b>	MTA8ATF1G64AZ-2G1B1	8GB	SS	Micron	-	15-15-15-36	1.2	●	●	●	
<b>Micron</b>	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	●	●	●	
<b>panram</b>	W4U2133PS-8G	8GB	SS	SK Hynix	DTCCH872HA2	16-16-16-36	-	●	●	●	
<b>SanMax</b>	SMD-4G28HP-21P	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	-	●	●	●	
<b>SanMax</b>	SMD-8G28HP-21P	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	-	●	●	●	●
<b>Silicon Power</b>	SP004GBLFU213N01	4GB	SS	Samsung	K4A4G085WD	15-15-15-37	-	●	●	●	
<b>Silicon Power</b>	SP008GBLFU213N01	8GB	DS	Samsung	K4A4G085WD	15-15-15-37	-	●	●	●	
<b>SK Hynix</b>	HMA41GU6MFR8N-TF	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2			●	●
<b>SK Hynix</b>	HMA41GU7AFR8N-TF	8GB	DS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-36	-	●	●		
<b>SK Hynix</b>	HMA451U7AFR8N-TF	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	-	●	●	●	
<b>SK Hynix</b>	HMA82GU6MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8NMFRTFC	15-15-15-36	-	●	●	●	
<b>SK Hynix</b>	HMA82GU7MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8NMFR	15-15-15-36	-	●	●		
<b>SUPER TALENT</b>	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	●	●	●	
<b>Teamgroup</b>	TED416G2133C15BK	16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●		
<b>Teamgroup</b>	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	●	
<b>UMAX</b>	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	●	●	●	
<b>UMAX</b>	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	●	●	●	
<b>V-color</b>	TC48G21S815-IMS	8GB	SS	Micron	-	15-15-15-36	1.2	●	●		
<b>V-color</b>	TE48G21S815	8GB	SS	V-color	A8G8H-21CS(ECC)	15-15-15-36	1.2	●	●	●	