

ROG Crosshair VII Hero Series

DDR4 3200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
ADATA	AX4U3200316G16-QGZ(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	●	
ADATA	AX4U320038G16-BRS(XMP)	8x 8GB	SS	-	-	16-18-18-36	1.35	●	
ADATA	AX4U320038G16-BRZ(XMP)	8x 8GB	SS	ADATA	430A-0817A	16-18-18-36	1.35	●	
Apacer	AH4U08G32C08YNBAA(XMP)	8GB	SS	Apacer	AM6E6308CHHSE3	16-18-18-38	1.2	●	
Apacer	AHU08GGB26CDU7M(XMP)	8GB	SS	-	-	16-16-16-36	1.35	●	
Apacer	AHU08GGB32CKU7M(XMP)	8GB	SS	-	-	16-16-16-36	1.35	●	
CORSAIR	CMD16GX4M4B3200C15(Ver4.23)(XMP)	4x 4GB	SS	-	-	15-15-15-36	1.35	●	●
CORSAIR	CMD16GX4M4B3200C16(Ver5.29)(XMP)	4x 4GB	SS	-	-	16-18-18-36	1.35	●	●
CORSAIR	CMD16GX4M4C3200C15(Ver4.24)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.35	●	●
CORSAIR	CMD32GX4M2C3200C16(Ver5.39)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	
CORSAIR	CMD64GX4M8B3200C16(Ver4.31)(XMP)	8x 8GB	SS	-	-	16-18-18-36	1.35	●	
CORSAIR	CMD64GX4M8B3200C16(Ver5.32)(XMP)	8x 8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	
CORSAIR	CMK16GX4M2B3200C16(Ver4.23)(XMP)	2x 8GB	DS	-	-	16-18-18-36	1.35	●	
CORSAIR	CMK32GX4M2B3200C16(4.31)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	
CORSAIR	CMK32GX4M2B3200C16(5.39)(XMP)	2x 16GB	DS	-	-	16-18-18-36	1.35	●	
CORSAIR	CMK64GX4M4B3200C16(Ver4.31)(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	●	●
CORSAIR	CMT32GX4M4C3200C16(Ver4.31)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●
CORSAIR	CMT64GX4M4C3200C16(Ver4.31)(XMP)	4x 16GB	DS	Samsung	-	16-18-18-36	1.35	●	●
CORSAIR	CMW32GX4M4C3200C16(Ver5.32)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●
CORSAIR	CMT32GX4M4Z3200C16(Ver5.32)(XMP)	4x 8GB	SS	Hynix	-	16-18-18-36	1.35	●	●
CORSAIR	CMW32GX4M2Z3200C16(Ver3.31)(XMP)	2x 16GB	DS	Mircon	-	16-18-18-36	1.35	●	
CORSAIR	CMK16GX4M2Z3200C16(Ver4.31)	2x 8GB	SS	Samsung	-	16-18-18-36	1.35	●	
crucial	BLE4G4D32AEEA.K8FE(XMP)	4GB	SS	-	-	16-18-18-36	1.35	●	●
crucial	BLS16G4D32AESB.M16FE1(XMP)	16GB	DS	-	-	16-18-18-36	1.35	●	
crucial	BLS16G4D32AESB.M16FE1(XMP)	16GB	DS	Micron	-	16-18-18-36	1.35	●	
crucial	BLS16G4D32AEST.M16FE1(XMP)	16GB	DS	Micron	-	16-18-18-36	1.35	●	
Crucial	BLS8G4D32AESBK.8FE(XMP)	8GB	SS	Micron	-	16-18-18-36	1.35	●	●
crucial	BLS8G4D32AESTK.M8FE(XMP)	8GB	SS	Micron	-	16-18-18-36	1.35	●	●
crucial	CT16G4DFD832A.16FE1	16GB	DS	Micron	D9WFL	22-22-22-52	1.2	●	●
crucial	CT16G4DFD832A.16FE1	16GB	DS	Micron	D9WFL	22-22-22-54	1.2	●	
crucial	CT4G4DS632A.4FJ1	4GB	SS	Micron	-	22-22-22-52	1.2	●	●
crucial	CT8G4DF832A.8FE1	8GB	SS	Micron	-	22-22-22-54	1.2	●	●
crucial	CT8G4DFS832A.8FE1	8GB	SS	Micron	-	22-22-22-52	1.2	●	●
G.SKILL	F4-3200C14D-16GVK(XMP)	2x 8GB	SS	-	-	14-14-14-34	1.35	●	
G.SKILL	F4-3200C14Q-32GFX(XMP)	4x 8GB	SS	-	-	14-14-14-34	1.35	●	●
G.SKILL	F4-3200C14Q-32GTZR(XMP)	4x 8GB	SS	Samsung	-	14-14-14-34	1.35	●	●
G.SKILL	F4-3200C16D-16GTZ(XMP)	2x 8GB	DS	-	-	16-16-16-36	1.35	●	
G.SKILL	F4-3200C16D-32GTZA(XMP)	2x 16GB	DS	-	-	16-16-16-36	1.35	●	
G.SKILL	F4-3200C16Q-32GTRS(XMP)	4x 8GB	SS	Hynix	-	16-18-18-38	1.35	●	
G.SKILL	F4-3200C16Q-32GTZB(XMP)	4x 8GB	DS	-	-	16-18-18-38	1.35	●	

Hyper X	HX432C16PB3A/8(XMP)	8GB	SS	-	-	16-18-18-36	1.35	•	
Hyper X	HX432C16PB3AK2/16(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	•	
Hyper X	HX432C16PB3AK4/32(XMP)	4x 8GB	SS	-	-	16-18-18-36	1.35	•	•
Hyper X	HX432C16PB3AK4/64(XMP)	4x 16GB	DS	Hynix	-	16-18-18-36	1.35	•	•
Hyper X	HX432C16PB3K2/16(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	•	
Hyper X	HX432C16PB3K4/64(XMP)	4x 16GB	DS	-	-	16-18-18-36	1.35	•	
Hyper X	HX432C18FB/4	4GB	SS	Micron	-	18-21-21-39	1.2	•	
Hyper X	HX432C18FBK2/8	2x 4GB	SS	Micron	-	18-21-21-39	1.2	•	
Hyper X	HX432C18FBK4/16	4x 4GB	SS	Micron	-	18-21-21-39	1.2	•	•
KINGMAX	GZOG43F-18SIGP(XMP)	8GB	SS	-	-	16-18-18-38	1.35	•	
Klevv	IM48GU88A32-GIIZEZ(XMP)	2x 8GB	DS	-	-	16-18-18-38	1.35	•	
Klevv	KD48GU880-32A160T(XMP)	8GB	SS	SK Hynix	-	16-18-18-38	1.35	•	
Micron	MTA16ATF2G64AZ-3G2E1	16GB	DS	Micron	D9WFL	22-22-22-52	1.2	•	
Micron	MTA4ATF51264AZ-3G2J1	4GB	SS	Micron	-	22-22-22-52	1.2	•	
Micron	MTA8ATF1G64AZ-3G2E1	8GB	SS	Micron	-	22-22-22-52	1.2	•	
Micron	MTA8ATF1G64AZ-3G2E1	8GB	SS	Micron	-	22-22-22-54	1.2	•	
NEO FORZA	NFMUD480E8-3200DH2A(XMP)	8GB	SS	-	-	16-18-18-36	1.35	•	
PATRIOT	PV48G320C6K(XMP)	2x 4GB	SS	-	-	16-18-18-36	1.35	•	
PATRIOT	PVR416G320C6K(XMP)	2x 8GB	SS	-	-	16-18-18-36	1.35	•	
Silicon Power	SP008GXLZU320BSB(XMP)	8GB	SS	-	-	16-18-18-38	1.35	•	
Super Talent	F3200UA4G(XMP)	4GB	SS	-	-	16-18-18-36	1.35	•	
Super Talent	F3200UB16G(XMP)	16GB	DS	-	-	16-18-18-36	1.35	•	
Team	TF2D48G3200HC16CBK(XMP)	8GB	SS	-	-	16-18-18-38	1.35	•	
Thermaltake	CL-W251-CA00SW-A(XMP)	2x 8GB	SS	-	1G832C18W48	16-18-18-38	1.35	•	
Thermaltake	CL-W252-CA00SW-A(XMP)	4x 8GB	SS	-	1G832C18W48	16-18-18-38	1.35	•	
V-color	TL48G32S8CRGB16(XMP)	8GB	SS	SAMSUNG	-	16-16-18-38	1.35	•	
ZADAK511	ZD4-SHA3200C16-08GAS(XMP)	8GB	SS	Samsung	-	16-18-18-38	1.35	•	

DDR4 3400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-3400C16D-16GSXW	16GB(8GB*2)	SS	Samsung		16-16-16-36	1.35V	•	

DDR4 3466 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
KLEVV	KD48GU880-34A170X	16GB(8GB*2)	SS	SK Hynix		17-19-19-39	1.35V	•	
CORSAIR	CMK32GX4M4B3466C16 ver4.31	32GB(8GB*4)	SS	Samsung		16-18-18-36	1.35V	•	•
CORSAIR	CMK16GX4M2Z3466C16 ver4.31	16GB(8GB*2)	SS	Samsung		16-18-18-36	1.35V	•	
CORSAIR	CMK32GX4M4B3466C16 ver4.31	32GB(8GB*4)	SS	Samsung		16-18-18-36	1.35V	•	•

DDR4 3600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-3600C18D-16GTZR	16GB(8GB*2)	SS	SK Hynix		18-22-22-42	1.35V	•	
G.SKILL	F4-3600C15D-16GTRSB	16GB(8GB*2)	SS	Samsung		15-16-16-36	1.35V	•	
G.SKILL	F4-3600C16D-16GVKC	16GB(8GB*2)	SS	SK Hynix		16-19-19-39	1.35V	•	

G.SKILL	F4-3600C18D-16GVK	16GB(8GB*2)	SS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C14D-16GTZN	16GB(8GB*2)	SS	Samsung	14-15-15-35	1.4V	●	
G.SKILL	F4-3600C16D-16GTZN	16GB(8GB*2)	SS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-16GTZNC	16GB(8GB*2)	SS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-16GTZN	16GB(8GB*2)	SS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C14D-16GTZR	16GB(8GB*2)	SS	Samsung	14-15-15-35	1.4V	●	
G.SKILL	F4-3600C16D-16GTZR	16GB(8GB*2)	SS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-16GTZRC	16GB(8GB*2)	SS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-16GTZRC	16GB(8GB*2)	SS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C14D-16GTRG	16GB(8GB*2)	SS	Samsung	14-15-15-35	1.4V	●	
G.SKILL	F4-3600C16D-16GTRG	16GB(8GB*2)	SS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-16GTRGC	16GB(8GB*2)	SS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-16GTRG	16GB(8GB*2)	SS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C14D-16GTRS	16GB(8GB*2)	SS	Samsung	14-15-15-35	1.4V	●	
G.SKILL	F4-3600C16D-16GTRS	16GB(8GB*2)	SS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-16GTRSC	16GB(8GB*2)	SS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-16GTRS	16GB(8GB*2)	SS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C16Q-32GVKC	32GB(8GB*4)	SS	SK Hynix	16-19-19-39	1.35V	●	●
G.SKILL	F4-3600C18Q-32GVK	32GB(8GB*4)	SS	SK Hynix	18-22-22-42	1.35V	●	●
G.SKILL	F4-3600C14Q-32GTZN	32GB(8GB*4)	SS	Samsung	14-15-15-35	1.4V	●	●
G.SKILL	F4-3600C16Q-32GTZN	32GB(8GB*4)	SS	Samsung	16-16-16-36	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTZNC	32GB(8GB*4)	SS	SK Hynix	16-19-19-39	1.35V	●	●
G.SKILL	F4-3600C18Q-32GTZN	32GB(8GB*4)	SS	SK Hynix	18-22-22-42	1.35V	●	●
G.SKILL	F4-3600C14Q-32GTZR	32GB(8GB*4)	SS	Samsung	14-15-15-35	1.4V	●	●
G.SKILL	F4-3600C16Q-32GTZR	32GB(8GB*4)	SS	Samsung	16-16-16-36	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTZRC	32GB(8GB*4)	SS	SK Hynix	16-19-19-39	1.35V	●	●
G.SKILL	F4-3600C18Q-32GTZRC	32GB(8GB*4)	SS	SK Hynix	18-22-22-42	1.35V	●	●
G.SKILL	F4-3600C14Q-32GTRG	32GB(8GB*4)	SS	Samsung	14-15-15-35	1.4V	●	●
G.SKILL	F4-3600C16Q-32GTRG	32GB(8GB*4)	SS	Samsung	16-16-16-36	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTRGC	32GB(8GB*4)	SS	SK Hynix	16-19-19-39	1.35V	●	●
G.SKILL	F4-3600C18Q-32GTRG	32GB(8GB*4)	SS	SK Hynix	18-22-22-42	1.35V	●	●
G.SKILL	F4-3600C14Q-32GTRS	32GB(8GB*4)	SS	Samsung	14-15-15-35	1.4V	●	●
G.SKILL	F4-3600C16Q-32GTRS	32GB(8GB*4)	SS	Samsung	16-16-16-36	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTRSC	32GB(8GB*4)	SS	SK Hynix	16-19-19-39	1.35V	●	●
G.SKILL	F4-3600C18Q-32GTRS	32GB(8GB*4)	SS	SK Hynix	18-22-22-42	1.35V	●	●
G.SKILL	F4-3600C19Q-32GSXW	32GB(8GB*4)	SS	SK Hynix	19-19-19-39	1.35V	●	●
G.SKILL	F4-3600C16D-32GVKC	32GB(16GB*2)	DS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-32GVK	32GB(16GB*2)	DS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C16D-32GTZN	32GB(16GB*2)	DS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-32GTZNC	32GB(16GB*2)	DS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-32GTZN	32GB(16GB*2)	DS	SK Hynix	18-22-22-42	1.35V	●	
G.SKILL	F4-3600C16D-32GTZR	32GB(16GB*2)	DS	Samsung	16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-32GTZRC	32GB(16GB*2)	DS	SK Hynix	16-19-19-39	1.35V	●	
G.SKILL	F4-3600C17D-32GTZR	32GB(16GB*2)	DS	Samsung	17-19-19-39	1.35V	●	
G.SKILL	F4-3600C18D-32GTZRC	32GB(16GB*2)	DS	SK Hynix	18-22-22-42	1.35V	●	

G.SKILL	F4-3600C16D-32GTRG	32GB(16GB*2)	DS	Samsung	16-16-16-36	1.35V	•	
G.SKILL	F4-3600C16D-32GTRGC	32GB(16GB*2)	DS	SK Hynix	16-19-19-39	1.35V	•	
G.SKILL	F4-3600C18D-32GTRG	32GB(16GB*2)	DS	SK Hynix	18-22-22-42	1.35V	•	
G.SKILL	F4-3600C16D-32GTRS	32GB(16GB*2)	DS	Samsung	16-16-16-36	1.35V	•	
G.SKILL	F4-3600C16D-32GTRSC	32GB(16GB*2)	DS	SK Hynix	16-19-19-39	1.35V	•	
G.SKILL	F4-3600C18D-32GTRS	32GB(16GB*2)	DS	SK Hynix	18-22-22-42	1.35V	•	
G.SKILL	F4-3600C16Q-64GVKC	64GB(16GB*4)	DS	SK Hynix	16-19-19-39	1.35V	•	•
G.SKILL	F4-3600C18Q-64GVK	64GB(16GB*4)	DS	SK Hynix	18-22-22-42	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTZN	64GB(16GB*4)	DS	Samsung	16-16-16-36	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTZNC	64GB(16GB*4)	DS	SK Hynix	16-19-19-39	1.35V	•	•
G.SKILL	F4-3600C18Q-64GTZN	64GB(16GB*4)	DS	SK Hynix	18-22-22-42	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTZR	64GB(16GB*4)	DS	Samsung	16-16-16-36	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTZRC	64GB(16GB*4)	DS	SK Hynix	16-19-19-39	1.35V	•	•
G.SKILL	F4-3600C18Q-64GTZRC	64GB(16GB*4)	DS	SK Hynix	18-22-22-42	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTRG	64GB(16GB*4)	DS	Samsung	16-16-16-36	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTRGC	64GB(16GB*4)	DS	SK Hynix	16-19-19-39	1.35V	•	•
G.SKILL	F4-3600C18Q-64GTRG	64GB(16GB*4)	DS	SK Hynix	18-22-22-42	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTRS	64GB(16GB*4)	DS	Samsung	16-16-16-36	1.35V	•	•
G.SKILL	F4-3600C16Q-64GTRSC	64GB(16GB*4)	DS	SK Hynix	16-19-19-39	1.35V	•	•
G.SKILL	F4-3600C18Q-64GTRS	64GB(16GB*4)	DS	SK Hynix	18-22-22-42	1.35V	•	•
CORSAIR	CMK16GX4M2Z3600C18 ver3.31	16GB(8GB*2)	SS	Spectek	18-22-22-42	1.35V	•	
CORSAIR	CMK16GX4M2D3600C18 ver3.31	16GB(8GB*2)	SS	Spectek	18-22-22-42	1.35V	•	
CORSAIR	CMK16GX4M2B3600C18 ver5.32	16GB(8GB*2)	SS	SK Hynix	18-19-19-39	1.35V	•	
CORSAIR	CMK16GX4M2Z3600C14 ver4.31	16GB(8GB*2)	SS	Samsung	14-16-16-36	1.45V	•	
CORSAIR	CMT16GX4M2K3600C18 ver4.31	16GB(8GB*2)	SS	Samsung	16-18-18-36	1.35V	•	
CORSAIR	CMT16GX4M2C3600C18 ver4.31	16GB(8GB*2)	SS	Samsung	18-19-19-39	1.35V	•	
CORSAIR	CMT16GX4M2C3600C18 ver3.31	16GB(8GB*2)	SS	Spectek	18-19-19-39	1.35V	•	
CORSAIR	CMW16GX4M2Z3600C18 ver3.31	16GB(8GB*2)	SS	Spectek	18-22-22-42	1.35V	•	
CORSAIR	CMK32GX4M4D3600C18 ver3.31	32GB(8GB*4)	SS	Spectek	18-22-22-42	1.35V	•	•
CORSAIR	CMK32GX4M4B3600C18 ver4.31	32GB(8GB*4)	SS	Samsung	18-19-19-39	1.35V	•	•
CORSAIR	CMK32GX4M4B3600C18R ver4.31	32GB(8GB*4)	SS	Samsung	18-19-19-39R	1.35V	•	•
CORSAIR	CMT32GX4M4C3600C18 ver3.31	32GB(8GB*4)	SS	Spectek	18-19-19-39	1.35V	•	•
CORSAIR	CMT32GX4M4K3600C18 ver4.31	32GB(8GB*4)	SS	Samsung	16-18-18-36	1.35V	•	•
CORSAIR	CMT32GX4M4C3600C18 ver4.31	32GB(8GB*4)	SS	Samsung	18-19-19-39	1.35V	•	•
CORSAIR	CMR32GX4M4C3600C18 ver4.31	32GB(8GB*4)	SS	Samsung	18-19-19-39	1.35V	•	•
CORSAIR	CMW32GX4M4C3600C16 ver4.31	32GB(8GB*4)	SS	Samsung	18-19-19-39	1.35V	•	•
CORSAIR	CMK32GX4M2K3600C16 ver4.31	32GB(16GB*2)	DS	Samsung	16-18-18-36	1.35V	•	
ZADAK	ZD4-SHD3600C17-08GAS	8GB	SS	Samsung	17-19-19-39	1.35V	•	•
Hyper X	HX436C17PB3K4/32	32GB(8GB*4)	SS	Samsung	17-18-18-39	1.35V	•	•
Hyper X	HX436C17PB3AK4/32	32GB(8GB*4)	SS	Samsung	17-18-18-39	1.35V	•	•
Hyper X	HX436C17PB4K4/32	32GB(8GB*4)	SS	SK Hynix	17-19-19-39	1.35V	•	•
Hyper X	HX436C17PB4AK4/32	32GB(8GB*4)	SS	SK Hynix	17-19-19-39	1.35V	•	•
ADATA	AX4U360038G17-BRZ	8GB	SS	Samsung	17-18-18-38	1.35V	•	
ADATA	AX4U360038G17-BR80	8GB	SS	Samsung	17-18-18-38	1.35V	•	

V-COLOR	TL48G36S8BNR8B18	8GB	SS	SK Hynix		18-19-19-39	1.35V	•
CRUCIAL	BLE8G4D36BEEAK.M8FE1	8GB	SS	Micron		16-18-18-38	1.35V	•
CRUCIAL	BLS8G4D36BESBK.8FE	8GB	SS	Micron		16-18-18-38	1.35V	•
TEAMGROUP	TF1D416G3600HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•
TEAMGROUP	TF2D416G3600HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•
TEAMGROUP	TF5D416G3600HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•
TEAMGROUP	TF6D416G3600HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•

DDR4 3866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-3866C18D-16GTZ	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-3866C18D-16GTZSW	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-3866C18D-16GTZKW	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-3866C18D-16GTZR	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
A-DATA	AX4U386638G18-QRS	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	

DDR4 4000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-4000C18D-16GTZ	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-4000C18D-16GTZSW	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-4000C18D-16GTZKW	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-4000C18D-16GTZR	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
G.SKILL	F4-4000C17D-16GTZR	16GB(8GB*2)	SS	Samsung		17-17-17-37	1.35V	•	
G.SKILL	F4-4000C17D-16GTZRS	16GB(8GB*2)	SS	Samsung		17-17-17-37	1.35V	•	
G.SKILL	F4-4000C17D-16GTZRG	16GB(8GB*2)	SS	Samsung		17-17-17-37	1.35V	•	
CORSAIR	CMR16GX4M2F4000C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-23-23-45	1.35V	•	
CORSAIR	CMK16GX4M2K4000C19 ver3.31	16GB(8GB*2)	SS	Spectek		19-23-23-45	1.35V	•	
CORSAIR	CMK16GX4M2K4000C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-23-23-45	1.35V	•	
CORSAIR	CMW16GX4M2Z4000C18 ver3.31	16GB(8GB*2)	SS	Spectek		18-22-22-42	1.35V	•	
CORSAIR	CMK32GX4M4K4000C19 ver3.31	32GB(8GB*4)	SS	Spectek		19-23-23-45	1.35V	•	•
Hyper X	HX440C19PB3K2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.35V	•	
Hyper X	HX440C19PB3AK2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.35V	•	
A-DATA	AX4U400038G18-QRS	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.35V	•	
CRUCIAL	BLE8G4D40BEEAK.M8FE1	8GB	SS	Micron		18-19-19-39	1.35V	•	•
TEAMGROUP	TXKD416G4000HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•	
TEAMGROUP	TF6D416G4000HC18EDC01	16GB(8GB*2)	SS	Samsung		18-20-20-44	1.35V	•	

DDR4 4133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-4133C19D-16GTZC	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.35V	•	
G.SKILL	F4-4133C19D-16GTZSWC	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.35V	•	
G.SKILL	F4-4133C19D-16GTZKWC	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.35V	•	
G.SKILL	F4-4133C19D-16GTZR	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.35V	•	
G.SKILL	F4-4133C17D-16GTZR	16GB(8GB*2)	SS	Samsung		17-17-17-37	1.35V	•	

CORSAIR	CMK16GX4M2K4133C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-25-25-45	1.35V	•	
Hyper X	HX441C19PB3K2/16	16GB(8GB*2)	SS	Samsung		19-23-23-45	1.35V	•	
GEIL	GLS416GB4133C19DC	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
DDR4 4266 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-4266C19D-16GTZA	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4266C19D-16GTZSW	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4266C19D-16GTZKW	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4266C19D-16GTZR	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4266C19D-16GTZRS	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4266C19D-16GTZRG	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
CORSAIR	CMK16GX4M2K4266C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-26-26-46	1.4V	•	
Hyper X	HX442C19PB3K2/16	16GB(8GB*2)	SS	Samsung		19-21-21-42	1.4V	•	
DDR4 4333 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
CORSAIR	CMK16GX4M2K4333C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-26-26-46	1.4V	•	
DDR4 4400 Qualified Vendors List (QVL)									
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
G.SKILL	F4-4400C19D-16GTZSW	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4400C19D-16GTZSKK	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	
G.SKILL	F4-4400C18D-16GTZRS	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.4V	•	
G.SKILL	F4-4400C18D-16GTZRG	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.4V	•	
G.SKILL	F4-4400C18D-16GTZR	16GB(8GB*2)	SS	Samsung		18-19-19-39	1.4V	•	
CORSAIR	CMK16GX4M2K4400C19 ver4.31	16GB(8GB*2)	SS	Samsung		19-19-19-39	1.4V	•	

4-DIMM

- **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 A2 slots or the B2 slots that operates in a dual-channel memory configuration
- **4 DIMM:** Supports 4 modules inserted into all slots as two pairs DIMMs operating in a dual-channel memory configuration

- 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
- 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
- The stability and compatibility of **DOCP** 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,