

## ROG STRIX X470-F GAMING

### DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>Apacer</b>	78.B1GM3.AF00B	4x 4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	•	•
<b>Apacer</b>	78.C1GM3.AF10B	4x 8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	•	•
<b>Apacer</b>	AHU08GGB13CGU7G (EK.08G2R.GDC)	8GB	DS	Apacer	AM6F60080THMA1	15-15-15-36	1.2	•	
<b>Apacer</b>	AU08GGB13CDYBGC (EL.08G2R.GDM)	8GB	DS			15-15-15-36	1.2	•	
<b>CENTURY MICRO INC</b>	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	-	•	•
<b>CENTURY MICRO INC</b>	CK8GX4-D4U2133	4x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-35	1.2	•	•
<b>CORSAIR</b>	CMD16GX4M4B2133C10(Ver3.20)(XMP)	4x 4GB	SS	-	-	10-12-12-31	1.35	•	•
<b>CORSAIR</b>	CMD16GX4M4B2133C10(Ver3.20)(XMP)	4x 4GB	SS	-	-	10-12-12-31	1.35	•	•
<b>CORSAIR</b>	CMK16GX4M4A2133C13(Ver4.23)(XMP)	4x 4GB	SS	-	-	13-15-15-28	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M2A2133C13(Ver4.31)(XMP)	2x 16GB	DS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M4A2133C13(Ver4.23)(XMP)	4x 8GB	DS	-	-	13-15-15-28	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M4A2133C15(Ver3.20)	4x 8GB	DS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M4A2133C15(Ver5.29)	4x 8GB	DS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMK64GX4M8A2133C13(Ver3.20)(XMP)	8x 8GB	DS	Micron	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMK64GX4M8A2133C13(Ver4.23)(XMP)	8x 8GB	DS	-	-	13-15-15-28	1.2	•	•
<b>CORSAIR</b>	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	-	•	•
<b>CORSAIR</b>	CMV4GX4M1A2133C15	4GB	SS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMV8GX4M1A2133C15	8GB	DS	-	-	15-15-15-36	1.2	•	•
<b>crucial</b>	CT16G4DFD8213.16FB1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•
<b>crucial</b>	CT4G4DFS8213.8FA2	4GB	SS	Micron	D9RGQ	15-15-15-36	1.2	•	•
<b>crucial</b>	CT4G4DFS8213.8FB1	4GB	SS	Micron	-	15-15-15-36	1.2	•	•
<b>crucial</b>	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	•	•
<b>crucial</b>	CT8G4DFS8213.8FB1	8GB	SS	Micron	-	15-15-15-36	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GRR	4x 4GB	SS	Micron	-	15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GVR	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GVB	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GVG	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GVK	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GVS	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GRK	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-16GRB	4x 4GB	SS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q2-128GVK	8x 16GB	DS	SK Hynix	-	15-15-15-36	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q2-128GVR	8x 16GB	DS	SK Hynix		15-15-15-35	1.2	•	•

<b>G.SKILL</b>	F4-2133C15Q2-64GRR	8x 8GB	DS	SpecTek	-	15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q2-64GRB	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>G.SKILL</b>	F4-2133C15Q-32GVR	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GVB	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GVG	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GVK	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GVS	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GRK	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<b>G.SKILL</b>	F4-2133C15Q-32GRB	4x 8GB	DS	Micron		15-15-15-35	1.2	•	•
<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>	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	•	•
<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•
<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•
<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	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>	KM4B16X1N-2133-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4B16X2N-2133-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4B16X4N-2133-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4B4GX1N-2133-15-15-15-35-0	4GB	SS	SK Hynix		15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4B4GX2N-2133-15-15-15-35-0	4GB	SS	SK Hynix		15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2133-15-15-15-35-0	4GB	SS	SK Hynix	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2133-15-15-15-35-1	4x 4GB	SS	SK Hynix	-	15-15-15-35	1.2	•	•

Klevv	KM4B8GX1N-2133-15-15-15-35-0	8GB	SS	SK Hynix		15-15-15-35	1.2	●	●
Klevv	KM4B8GX2N-2133-15-15-15-35-0	8GB	SS	SK Hynix		15-15-15-35	1.2	●	●
Klevv	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●
Klevv	KM4C8GX4N-2133-15-15-15-35-1	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	●
Micron	MTA8ATF1G64AZ-2G1B1	8GB	SS	Micron	-	15-15-15-36	1.2	●	●
Micron	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	●	●
panram	W4U2133PS-8G	8GB	SS	SK Hynix	DTCCH872HA2	16-16-16-36	-	●	●
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	H5AN4G8NAFRTFC	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	-	●	●
<b>SUPER TALENT</b>	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	●	●
Team	TED416G2133C15BK	16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TED464G2133C15QC01	4x 16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TPRD464G2133HC15QC01	4x 16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TPD464G2133HC15QC01	4x 16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TED432G2133C15DC01	2x 16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TPRD432G2133HC15DC01	2x 16GB	DS	Micron	T4D10248MT-24	15-15-15-36	1.2	●	●
Team	TPD432G2133HC15DC01	2x 16GB	DS	Micron	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	●	●
Team	TED432G2133C15QC01	4x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●
Team	TPRD432G2133HC15QC01	4x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●
Team	TPD432G2133HC15QC01	4x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●
Team	TED416G2133C15DC01	2x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●
Team	TPRD416G2133HC15DC01	2x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●
Team	TPD416G2133HC15DC01	2x 8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●

## DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>ADATA</b>	AD4U2400W4G17-B	4GB	SS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-35	1.2	●	
<b>ADATA</b>	AD4U2400W8G17-B	8GB	DS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-35	1.2	●	
<b>ADATA</b>	AX4U2400316G16-DRD(XMP)	16GB	DS	SK Hynix	-	16-16-16-39	1.2	●	
<b>ADATA</b>	AX4U2400316G16-SBF(XMP)	16GB	DS	SK Hynix	-	15-15-15-36	1.2	●	
<b>ADATA</b>	AX4U240038G16-BRS-R(XMP)	8GB	SS	SK Hynix	-	16-16-16-39	1.2	●	
<b>ADATA</b>	AX4U240038G16-SBF(XMP)	8GB	SS	SK Hynix	-	16-16-16-39	1.2	●	
<b>ADATA</b>	AX4U2400W8G16-BRZ(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.2	●	
<b>ADATA</b>	AX4U2400W8G16-DRD(XMP)	8GB	DS	SK Hynix	-	16-16-16-39	1.2	●	
<b>Antec</b>	AMD4UZ124001508G-3S	8GB	SS	Samsung	K4A8G085WBBCPB	15-15-15-39	1.2	●	
<b>Apacer</b>	78.B1GMS.4050B	4x 4GB	SS	Samsung	K4A4G085WD	17-17-17-39	-	●	
<b>Apacer</b>	78.C1GMS.4010B	4x 8GB	DS	Samsung	K4A4G085WD	17-17-17-39	-	●	
<b>Apacer</b>	EL.08G2T.GFM	8GB	SS	SK Hynix	AM6F6308MHHSB2	17-17-17-39	-	●	
<b>Apacer</b>	AU08GGB24CEYBGC (EL.08G2T.GFM)	8GB	SS	Samsung	K4A4G085WD	17-17-17-39	1.2	●	●
<b>Apacer</b>	AHU08GGB24CDT7G (EK.08G2T.KEC)	8GB	SS	Samsung	K4A4G085WD	16-16-16-36	1.2	●	●
<b>Apacer</b>	AHU08GGB24CDU7G (EK.08G2T.GEC)	8GB	SS	Samsung	K4A4G085WD	16-16-16-36	1.2	●	●
<b>Apacer</b>	AHU08GGB24CDU6H (EK.16GAT.GEAK2)	2x 8GB	DS	Samsung	K4A4G085WD	16-16-16-36	1.2	●	
<b>Apacer</b>	AHU08GGB24CDU5H (EK.16GAT.GEBK2)	2x 8GB	DS	Samsung	K4A4G085WD	16-16-16-36	1.2	●	
<b>Asgard</b>	VML41UE-MIC1U22Q1	2GB	SS	Micron	-	17-17-17-39	1.2	●	
<b>CORSAIR</b>	CMD16GX4M4A2400C14(Ver4.23)(XMP)	4x 4GB	SS	-	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMD32GX4M4A2400C14(Ver4.23)(XMP)	4x 8GB	DS	-	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMK128GX4M8A2400C14(Ver5.30)(XMP)	8x 16GB	DS	SK Hynix	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M2A2400C16(Ver3.31)(XMP)	2x 8GB	DS	Micron	-	15-15-15-36	1.2	●	
<b>CORSAIR</b>	CMK16GX4M2D2400C14(Ver4.21)(XMP)	2x 8GB	DS	Samsung	-	14-16-16-31	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(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>	CMK8GX4M2D2400C14(Ver3.11)(XMP)	2x 4GB	DS	Micron	-	14-16-16-31	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	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>	F4-2400C15Q-16GVR	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVB	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVG	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVK	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVS	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRK	4x 4GB	SS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRB	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>G.SKILL</b>	F4-2400C15Q-32GVR	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVB	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVG	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVK	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVS	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRK	4x 8GB	DS	Micron	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRB	4x 8GB	DS	Micron	-	15-15-15-35	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	●	
<b>GeIL</b>	GFR432GB2400C16D(XMP)	16GB	SS	Micron	-	16-16-16-36	1.2	●	
<b>GeIL</b>	GLR464GB2400C14QC(XMP)	4x 16GB	DS	Micron	-	14-14-14-35	1.2	●	
<b>GeIL</b>	GLS48GB2400C16DC(XMP)	4GB	SS	Micron	-	16-16-16-36	1.2	●	
<b>GeIL</b>	GPR416GB2400C15QC(XMP)	4x 4GB	SS	Samsung	-	15-15-15-35	1.2	●	
<b>GeIL</b>	GPR432GB2400C15QC(XMP)	4x 8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	
<b>GeIL</b>	GPR432GB2400C16QC(XMP)	4x 8GB	SS	Micron	-	16-16-16-36	1.2	●	●
<b>GLOWAY</b>	TYP4U2400D17021C	2GB	SS	Micron	-	17-17-17-39	1.2	●	
<b>Hyper X</b>	HX424C12PB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	12-13-13-35	1.2	●	●
<b>Hyper X</b>	HX424C12SB2/4(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Hyper X</b>	HX424C12SB2/8(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Hyper X</b>	HX424C12SB2K2/16(XMP)	2x 8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Hyper X</b>	HX424C12SB2K2/16(XMP)	2x 8GB	DS	Nanya	NT5AD512M8B1-GN	15-15-15-36	1.35	●	
<b>Hyper X</b>	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	HX424C15FB/8(XMP)	8GB	DS	SK Hynix	-	15-15-15-35	1.2	●	
Hyper X	HX424C15FBK2/16	2x 16GB	DS	SK Hynix	-	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	SK Hynix	-	15-15-15-35	1.2	●	
Hyper X	HX424C15FBK4/64	4x 16GB	DS	Micron	-	15-15-15-35	1.2	●	
KINGMAX	GLLF62F-DAKZIG-CLBU	4GB	SS	KINGMAX	KGDACZ-CU	17-17-17-39	-	●	
KINGMAX	GLLF62F-DAKZIG-CLBU	4GB	SS	KINGMAX	PS029-093-TP	17-17-17-39	-	●	
KINGMAX	GLLH22F-18KIIA-CFBU2	16GB	DS	KINGMAX	PS0223-093-TP	17-17-17-39	-	●	
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	●	
Kingston	KVR24N17S8/8	8GB	SS	-	-	17-17-17-39	1.2	●	
Klevv	IM44GU48N24-FFFHAB(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B4GX1N-2133-15-15-15-35-0	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B4GX2N-2133-15-15-15-35-0	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B4GX4N-2133-15-15-15-35-0	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	KM4Z4GX1N-2400-15-15-15-35-1	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4Z4GX2N-2400-15-15-15-35-1	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4Z4GX4N-2400-15-15-15-35-1	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	KM4B8GX1N-2400-15-15-15-35-0	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B8GX2N-2400-15-15-15-35-0	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B8GX4N-2400-15-15-15-35-0	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	KM4Z8GX1N-2400-15-15-15-35-1	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4Z8GX2N-2400-15-15-15-35-1	8GB	SS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4Z8GX4N-2400-15-15-15-35-1	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	KM4B16X1N-2133-15-15-15-35-0	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	
Klevv	IM4AGU88N24-FFFHMZ(XMP)	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●	

Klevv	KM4Z16X1N-2400-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	●
Klevv	KM4Z16X2N-2400-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	●
Klevv	KM4Z16X4N-2400-15-15-15-35-0	16GB	DS	SK Hynix		15-15-15-35	1.2	●
Micron	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	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	PSD44G240081	4GB	SS	PATRIOT	PM5128D4BU-083	16-16-16-39	1.2	●
PATRIOT	PSD48G240081	8GB	SS	Samsung	K4A8G085WB	17-17-17-39	1.2	●
PATRIOT	PSD48G240082	8GB	DS	-	N/A	17-17-17-39	1.2	●
PATRIOT	PV432G240C5QK(XMP)	4x 8GB	SS	-	-	15-15-15-35	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	HMA851U6AFR6N-UH	4GB	SS	SK Hynix	H5AN8G6NAFRUHC	17-17-17-39	-	●
Team	TCD44G2400C14BK(XMP)	4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TLRED416G2400HC14QC01	4x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TLGD416G2400HC14QC01	4x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TDRED416G2400HC14QC01	4x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TDGED416G2400HC14QC01	4x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TLRED48G2400HC14DC01	2x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TLGD48G2400HC14DC01	2x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TDRED48G2400HC14DC01	2x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TDGED48G2400HC14DC01	2x 4GB	SS	SK Hynix	H5AN4GBNAFRTFC	14-16-16-31	1.2	●
Team	TCD48G2400C14BK(XMP)	8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TLRED432G2400HC14QC01	4x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TLGD432G2400HC14QC01	4x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TDRED432G2400HC14QC01	4x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TDGED432G2400HC14QC01	4x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TLRED416G2400HC14DC01	2x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TLGD416G2400HC14DC01	2x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TDRED416G2400HC14DC01	2x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TDGED416G2400HC14DC01	2x 8GB	SS	SK Hynix	T4D1024BMT-24	14-16-16-31	1.2	●
Team	TED416G2400C16BK	16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TED464G2400C16QC01	4x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TPRD464G2400HC16QC01	4x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TPD464G2400HC16QC01	4x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TED432G2400C16DC01	2x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TPRD432G2400HC16DC01	2x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●
Team	TPD432G2400HC16DC01	2x 16GB	DS	Micron	T4D10248MT-24	16-16-16-39	1.2	●

Team	TED48G2400C16BK	8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TED432G2400C16QC01	4x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TPRD432G2400HC16QC01	4x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TPD432G2400HC16QC01	4x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TED416G2400C16DC01	2x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TPRD416G2400HC16DC01	2x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TPD416G2400HC16DC01	2x 8GB	DS	SK Hynix	T4D5128HT-24	16-16-16-39	1.2	●
Team	TF3D48G2400HC15BBK(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	1.2	●
Team	TF4D48G2400HC15BBK(XMP)	8GB	SS	SK Hynix	-	15-17-17-35	1.2	●
Team	TFRD44G2400C15ABK(XMP)	4GB	SS	SK Hynix	T4D5128HT-24	15-15-15-35	1.2	●
Team	TFRD48G2400C15ABK(XMP)	8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTRD432G2400HC15AQC01	4x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTWD432G2400HC15AQC01	4x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTBD432G2400HC15AQC01	4x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTRD416G2400HC15ADC01	2x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTWD416G2400HC15ADC01	2x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TDTBD416G2400HC15ADC01	2x 8GB	SS	SK Hynix	T4D10248HT-24	15-15-15-35	1.2	●
Team	TFWD416G2400C15BBK(XMP)	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTRD464G2400HC15BQC01	4x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTWD464G2400HC15BQC01	4x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTBD464G2400HC15BQC01	4x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTRD432G2400HC15BDC01	2x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTWD432G2400HC15BDC01	2x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
Team	TDTBD432G2400HC15BDC01	2x 16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●
V-color	TC48G24S817-IMS	8GB	SS	V-color	-	17-17-17-39	1.2	●
V-color	TD4G8C17-UH	4GB	SS	SK Hynix	DW3J0460HM	15-15-15-36	1.2	●



## DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>ADATA</b>	AD4U2666316G19-B	16GB	DS	SpecTek	-	19-19-19-43	1.2	•	
<b>ADATA</b>	AD4U266638G19-B	8GB	SS	SpecTek	-	19-19-19-43	1.2	•	
<b>ADATA</b>	AD4U2666W4G19	4GB	SS	SpecTek	-	19-19-19-43	1.2	•	
<b>ADATA</b>	AX4U266638G16-BRS(XMP)	8GB	SS	SK Hynix	-	16-16-16-39	1.2	•	
<b>ADATA</b>	AX4U266638G16-DRZ(XMP)	2x 8GB	SS	SK Hynix	-	16-16-16-39	1.2	•	
<b>ADATA</b>	AX4U2666W4G16-BRZ(XMP)	4GB	SS	SK Hynix	-	16-16-16-39	1.2	•	
<b>ADATA</b>	AX4U2666W8G16-QRZ(XMP)	4x 8GB	DS	SK Hynix	-	16-16-16-39	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>	CMD64GX4M8A2666C15(Ver4.24)(XMP)	8x 8GB	DS	Samsung	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMD8GX4M2A2666C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.2	•	
<b>CORSAIR</b>	CMD8GX4M2A2666C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.2	•	
<b>CORSAIR</b>	CMK128GX4M8A2666C16(Ver3.32)(XMP)	8x 16GB	DS	Micron	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK128GX4M8A2666C16(Ver3.32)(XMP)	8x 16GB	DS	Micron	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK16GX4M2A2666C16(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMK16GX4M2D2666C16(Ver4.21)(XMP)	2x 8GB	DS	Samsung	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMK16GX4M4A2666C15(Ver5.29)(XMP)	4x 4GB	SS	-	-	15-15-15-36	1.2	•	•
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver3.21)(XMP)	4x 4GB	SS	Micron	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver4.23)(XMP)	4x 4GB	SS	-	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver5.29)(XMP)	4x 4GB	SS	-	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMK32GX4M4A2666C15(Ver4.23)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.2	•	
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver3.20)(XMP)	4x 8GB	DS	Micron	-	15-15-15-36	1.2	•	
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	•
<b>CORSAIR</b>	CMK64GX4M4A2666C16(Ver3.31)(XMP)	4x 16GB	DS	Micron	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMK64GX4M4A2666C16(Ver4.31)(XMP)	4x 16GB	DS	Samsung	-	15-15-15-36	1.2	•	
<b>CORSAIR</b>	CMK8GX2M2D2666C16(Ver3.21)(XMP)	2x 4GB	SS	Micron	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMK8GX4M2A2666C16(Ver3.22)(XMP)	2x 4GB	SS	Micron	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMR16GX4M2A2666C16(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	
<b>CORSAIR</b>	CMR64GX4M8A2666C16(Ver5.30)(XMP)	8x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	•	•

<b>CORSAIR</b>	CMU32GX4M4A2666C16(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMV16GX4M1A2666C18	16GB	DS	Micron	-	18-18-18-43	1.2	●	
<b>CORSAIR</b>	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>	BLE4G4D26AFE.8FAD (XMP)	4GB	SS	Micron	-	16-17-17-36	1.2	●	
<b>crucial</b>	BLS16G4D26BFSC.16FBD(XMP)	16GB	DS	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>	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>G.SKILL</b>	F4-2666C15Q-16GRR(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVR	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVB	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVG	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVK	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVS	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRK	4x 4GB	SS	SK Hynix		15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRB	4x 4GB	SS	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>G.SKILL</b>	F4-2666C16Q2-128GVR	8x 16GB	DS	SK Hynix		16-16-16-36	1.2	●	
<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	●	
<b>Hyper X</b>	HX426C13SB2K2/8(XMP)	2x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Hyper X</b>	HX426C13SB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Hyper X</b>	HX426C15FB/4	4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FB/4	4GB	SS	Micron	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK2/8	2x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK2/8	2x 4GB	SS	Micron	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK4/16	4x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FBK4/16	4x 4GB	SS	SK Hynix	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FBK4/16	4x 4GB	SS	Micron	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C16FB/16	16GB	DS	SK Hynix	-	16-18-18-39	1.2	●	
<b>Hyper X</b>	HX426C16FB2/8(XMP)	8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	
<b>Hyper X</b>	HX426C16FB2K2/16(XMP)	2x 8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	
<b>Hyper X</b>	HX426C16FB2K4/32(XMP)	4x 8GB	SS	SK Hynix	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FBK2/32	2x 16GB	DS	SK Hynix	-	16-18-18-39	1.2	●	

<b>Hyper X</b>	HX426C16FBK4/64	4x 16GB	DS	SK Hynix	-	16-18-18-39	1.2	●
<b>Kingston</b>	KVR26N19D8/16	16GB	DS	Micron	D9VHP	19-19-19-43	1.2	●
<b>Klevv</b>	IM44GU48N26-FFFHAZ(XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4Z4GX1N-2666-15-15-15-35-1	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4Z4GX2N-2666-15-15-15-35-1	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4Z4GX4N-2666-15-15-15-35-1	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>	KM4Z8GX1N-2666-15-15-15-35-1	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>	KM4Z16X1N-2666-15-15-15-35-0	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4Z16X2N-2666-15-15-15-35-0	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4Z16X4N-2666-15-15-15-35-0	16GB	DS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4C4GX4N-2666-15-15-15-35-0 (XMP)	4GB	SS	SK Hynix	-	15-15-15-35	1.2	●
<b>Klevv</b>	KM4C4GX4N-2666-15-15-15-35-1 (XMP)	4GB	SS	SK Hynix	-	15-15-15-35	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>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>Team</b>	TCD44G2666C15BBK(XMP)	4GB	SS	SK Hynix	T4D5128HT-266	15-17-17-35	1.2	●
<b>Team</b>	TED416G2666C1901	16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TED416G2666C19QC01	4x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	● ●
<b>Team</b>	TED432G2666C19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TED44G2666C1901	4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TED464G2666C19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	● ●
<b>Team</b>	TED464G2666C19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	● ●
<b>Team</b>	TED48G2666C19DC01	2x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TFRD416G2666C15BBK(XMP)	16GB	DS	Samsung	K4ABG085WBBCPB	15-17-17-35	1.2	●
<b>Team</b>	TFWD48G2666C15BBK(XMP)	8GB	DS	Samsung	K4A4G085WSBCPB	15-17-17-35	1.2	●
<b>Team</b>	TPD416G2666HC1901	16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TPD416G2666HC19BK	16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TPD416G2666HC19QC01	4x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	● ●
<b>Team</b>	TPD432G2666HC19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TPD44G2666HC1901	4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TPD44G2666HC19BK	4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TPD464G2666HC19QC01	4x 16GB	DS	Micron	-	19-19-19-43	1.2	● ●
<b>Team</b>	TPD48G2666HC19DC01	2x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TPRD416G2666HC1901	16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TPRD416G2666HC19QC01	4x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	●

<b>Team</b>	TPRD432G2666HC19DC01	2x 16GB	DS	Micron	-	19-19-19-43	1.2	●
<b>Team</b>	TPRD44G2666HC1901	4GB	SS	SK Hynix	-	19-19-19-43	1.2	●
<b>Team</b>	TPRD48G2666HC19DC01	2x 4GB	SS	SK Hynix	-	19-19-19-43	1.2	●

## DDR4 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX4U2800316G16(XMP)	16GB	DS	Samsung	-	15-15-15-36	1.2	•	
<b>ADATA</b>	AX4U2800316G16-SBF(XMP)	16GB	DS	SK Hynix	-	15-15-15-36	1.2	•	
<b>ADATA</b>	AX4U280038G17-SBF(XMP)	8GB	SS	SK Hynix	-	15-15-15-36	1.2	•	
<b>ADATA</b>	AX4U2800W4G17-BRZ(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.2	•	
<b>ADATA</b>	AX4U2800W8G15(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.25	•	
<b>ADATA</b>	AX4U2800W8G17-BRD(XMP)	8GB	DS	Samsung	-	17-17-17-36	1.2	•	
<b>ADATA</b>	AX4U2800W8G17-BRZ(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.2	•	
<b>Apacer</b>	78.BAGM8.AF20B(XMP)	4x 4GB	SS	SK Hynix	-	17-17-17-36	-	•	•
<b>CORSAIR</b>	CMD16GX4M4A2800C16(Ver4.23)(XMP)	4x 4GB	SS	-	-	16-18-18-36	1.2	•	
<b>CORSAIR</b>	CMD32GX4M4A2800C15(Ver5.29)(XMP)	4x 8GB	DS	-	-	15-17-17-36	1.2	•	
<b>CORSAIR</b>	CMK16GX4M4A2800C16(Ver4.23)(XMP)	4x 4GB	SS	-	-	16-16-18-36	1.2	•	•
<b>CORSAIR</b>	CMK64GX4M8B2800C14(Ver4.24)(XMP)	8x 8GB	DS	Samsung	-	15-15-15-36	1.35	•	•
<b>G.SKILL</b>	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>	F4-2800C16Q-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>G.SKILL</b>	F4-2800C16Q-32GVR	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	•	
<b>G.SKILL</b>	F4-2800C16Q-32GVB	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	•	
<b>G.SKILL</b>	F4-2800C16Q-32GVK	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	•	
<b>G.SKILL</b>	F4-2800C16Q-32GVG	4x 8GB	DS	SK Hynix	-	16-16-16-36	1.2	•	
<b>G.SKILL</b>	F4-2800C16Q-32GVS	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>	HX428C14SB2/8(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.35	•	
<b>Hyper X</b>	HX428C14SB2K2/16(XMP)	2x 8GB	DS	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>Hyper X</b>	HX428C14SB2K4/32(XMP)	4x 8GB	DS	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	-	●
<b>Team</b>	TCD44G2800C16CBK(XMP)	4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TLRED416G2800HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TLGD416G2800HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TDRED416G2800HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TDGED416G2800HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TLRED48G2800HC16CDC01	2x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TLGD48G2800HC16CDC01	2x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TDRED48G2800HC16CDC01	2x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TDGED48G2800HC16CDC01	2x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.2	●
<b>Team</b>	TFRD48G2800C16CBK(XMP)	8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TLRED432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TLGD432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TDRED432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TDGED432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	THRD432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	THWD432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	THBD432G2800HC16CQC01	4x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TLRED416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TLGD416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TDRED416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	TDGED416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●
<b>Team</b>	THRD416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	●

<b>Team</b>	THWD416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	•
<b>Team</b>	THBD416G2800HC16CDC01	2x 8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.2	•
<b>Team</b>	TFWD416G2800C16CBK(XMP)	16GB	DS	SK Hynix	T4D10248HT-30	16-18-18-38	1.2	•

## ROG STRIX X470-F GAMING

### DDR4 2933 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 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	●	●



## DDR4 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX4U3000316G16-BGZ(XMP)	16GB	DS	Micron	-	16-18-18-36	1.35	●	
<b>ADATA</b>	AX4U300038G16-BBG(XMP)	8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	
<b>ADATA</b>	AX4U300038G16-BRS(XMP)	8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	
<b>ADATA</b>	AX4U300038G16-DBZ(XMP)	8GB	SS	SK Hynix	-	16-18-18-36	1.35	●	
<b>ADATA</b>	AX4U3000W4G16-BWZ(XMP)	4GB	SS	SK Hynix	-	15-15-15-36	1.35	●	
<b>ADATA</b>	AX4U3000W8G16-BWZ(XMP)	8GB	DS	SK Hynix	-	15-15-15-36	1.35	●	
<b>Apacer</b>	EK.16GAW.KFBK2(XMP)	8GB	DS	SK Hynix	-	16-18-18-38	-	●	
<b>Apacer</b>	AHU08GGB30CDG6H (EK.16GAZ.GEAK2)	2x 8GB	DS	SK Hynix	-	16-16-16-36	1.35	●	
<b>Apacer</b>	AHU08GGB30CDU5H (EK.16GAZ.GEBK2)	2x 8GB	DS	SK Hynix	-	16-16-16-36	1.35	●	
<b>CORSAIR</b>	CMD16GX4M2B3000C15(Ver4.23)(XMP)	2x 8GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMD16GX4M2B3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMD16GX4M4B3000C15(Ver4.23)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMD16GX4M4B3000C15(Ver5.29)(XMP)	4x 4GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMD32GX4M4B3000C15(Ver4.23)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMD32GX4M4C3000C15(Ver3.32)(XMP)	4x 8GB	DS	SK Hynix	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMD32GX4M4C3000C15(Ver5.30)(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver3.32)(XMP)	2x 8GB	SS	Micron	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver4.23)(XMP)	2x 8GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2C3000C16(Ver3.31)(XMP)	2x 8GB	SS	Micron	-	16-18-18-36	1.35	●	
<b>CORSAIR</b>	CMK16GX4M2C3000C16(Ver3.31)(XMP)	2x 8GB	SS	Micron	-	16-18-18-36	1.35	●	
<b>CORSAIR</b>	CMK16GX4M4B3000C15(Ver5.29)(XMP)	4x 4GB	SS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK32GX4M2B3000C15(Ver4.31)(XMP)	2x 16GB	DS	-	-	15-15-15-36	1.35	●	
<b>CORSAIR</b>	CMK32GX4M4B3000C15(Ver4.24)(XMP)	4x 8GB	DS	Samsung	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMK32GX4M4B3000C15(Ver5.29)(XMP)	4x 8GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK64GX4M4B3000C15(Ver4.31)(XMP)	4x 16GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK8GX4M2B3000C15(Ver4.23)(XMP)	2x 4GB	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR16GX4M2C3000C15(Ver4.31)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR16GX4M2C3000C15(Ver5.30)(XMP)	2x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR32GX4M4C3000C15(Ver3.32)(XMP)	4x 8GB	SS	Micron	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMR32GX4M4C3000C15(Ver4.31)(XMP)	4x 8GB	SS	SK Hynix	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR64GX4M4C3000C15(Ver3.32)(XMP)	4x 16GB	DS	Micron	-	15-17-17-35	1.35	●	

<b>CORSAIR</b>	CMU16GX4M2C3000C15(Ver3.21)(XMP)	2x 8GB	DS	Micron	-	15-15-15-36	1.35	●
<b>crucial</b>	BLE4G4D30AEEA.K8FE(XMP)	4GB	SS	Samsung	-	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>	F4-3000C15D-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>	F4-3000C16D-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>	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>GeIL</b>	GWW416GB3000C15DC(XMP)	2x 8GB	DS	SK Hynix	CG4L512G88BA093L	15-17-17-35	1.35	●
<b>Hyper X</b>	HX430C15PB2K4/16(XMP)	4x 4GB	SS	SK Hynix	-	15-16-16-39	1.35	●
<b>Hyper X</b>	HX430C15PB3/16(XMP)	16GB	DS	SK Hynix	-	15-17-17-36	1.35	●
<b>Hyper X</b>	HX430C15PB3/8(XMP)	8GB	SS	SK Hynix	-	15-17-17-36	1.2	●
<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>	HX430C15PB3K2/8(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>	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>	HX430C15SBK2/16(XMP)	2x 8GB	DS	SK Hynix	-	15-16-16-39	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>	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>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>	PV432G300C6QK-PE000378(XMP)	4x 8GB	DS	-	-	16-16-16-36	1.35	●
<b>PATRIOT</b>	PV48G300C6K(XMP)	4x 4GB	SS	-	-	16-16-16-36	1.35	●
<b>PATRIOT</b>	PVE48G300C6KRD(XMP)	2x 4GB	SS	-	-	16-16-16-36	-	●
<b>Team</b>	TCD44G3000C16CBK(XMP)	4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●
<b>Team</b>	TLRED416G3000HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●
<b>Team</b>	TLGD416G3000HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●
<b>Team</b>	TDRED416G3000HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●
<b>Team</b>	TDGED416G3000HC16CQC01	4x 4GB	SS	SK Hynix	T4D5128HT-30	16-18-18-38	1.35	●
<b>Team</b>	TF3D48G3000HC16CBK(XMP)	8GB	SS	Micron	-	16-18-18-38	1.35	●
<b>Team</b>	TFRD48G3000C16CBK(XMP)	8GB	DS	Samsung	K4A4G085WSBCPB	16-18-18-38	1.35	●
<b>V-color</b>	TL48G30S816RGB(XMP)	8GB	SS	SK Hynix	-	16-18-18-38	1.35	●
<b>ZADAK</b>	ZD4-MO23000C16-08GAG(XMP)	8GB	SS	Samsung	-	16-18-18-38	1.35	●

### 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
<b>G.SKILL</b>	F4-3200C16D-16GFX	2 * 8GB	SS			16-16-16-36	1.35V	•	
<b>G.SKILL</b>	F4-3200C16D-16GFXR	2 * 8GB	SS			16-16-16-36	1.35V	•	
<b>G.SKILL</b>	F4-3200C16D-16GTZR	2 * 8GB	SS			16-18-18-38	1.35V	•	
<b>G.SKILL</b>	F4-3200C14D-16GTZR	2 * 8GB	SS			14-14-14-34	1.35V	•	
<b>TEAMGROUP</b>	TF1D416G3200HC16CD01	2 * 8GB	SS			16-18-18-38	1.35V	•	

## DDR4 3400 Qualified Vendors List (QVL)

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

### 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 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

\* Do not combine DIMMs from multiple kits—even ones of the same make and model. Mixing and matching DIMMs can result in failure to boot.

\* Purchasing single DIMMs is not recommended because compatibility cannot be guaranteed. For the best results, please ensure all memory modules are of the same version or have the same date code (D/C) from the same vendor. Check with the memory vendor to get the correct memory modules.

\* 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.

\* The stability and compatibility of memory modules with XMP profiles that operate beyond the JEDEC memory standard are not guaranteed. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices