

AMD 2nd Gen Ryzen™ Threadripper™ Memory QVL

DDR4 3200 Qualified Vendors List (QVL)										
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	AX4U320038G16-B	32GB(8GB*4)	SS			16-16-16-36	1.35V	•	•	
CORASIR	CMD16GX4M2B3200C16(Ver3.21)	16G	DS	N/A	Heat-Sink Package	16-18-18-36	1.35V	•		
CORSAIR	CMK32GX4M4B3200C16 ver 4.31	32GB(8GB*4)	SS			16-18-18-36	1.35V	•	•	
G.SKILL	F4-3200C14Q-32GFX	32GB(8GB*4)	SS			16-16-16-36	1.35V	•	•	
G.SKILL	F4-3200C16Q-32GFXR	32GB(8GB*4)	SS			16-16-16-36	1.35V	•	•	
G.SKILL	F4-3200C16Q-32GTZR	32GB(8GB*4)	SS			16-18-18-38	1.35V	•	•	
G.SKILL	F4-3200C14Q-32GTZR	32GB(8GB*4)	SS			14-14-14-34	1.35V	•	•	
G.SKILL	F4-3200C16D-16GTZR	8GB*2	SS	N/A	Heat-Sink Package	18-18-18-38	1.35V	•	•	
HyperX	HX432C16PB3K4/32	32GB(8GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.35V	•	•	
PANRAM	PUD43200C164G4NJW	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-39	1.35V	•		
PATRIOT	PV48G320C6K	8GB (4GB*2)	SS	N/A	Heat-Sink Package		1.35V	•	•	
TEAMGROUP	TF1D416G3200HC16CD01	16GB(8GB*2)	SS			16-18-18-38	1.35V	•	•	
TEAMGROUP	TF2D416G3200HC16CD01	16GB(8GB*2)	SS			16-18-18-38	1.35V	•	•	
TIGO	TMKU8GF58-3200X	8GB*2	DS	N/A	Heat-Sink Package	16-18-18-38	1.35V	•		
DDR4 3000 Qualified Vendors List (QVL)										
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	AX4U3000316G16-BGZ	16G	DS	N/A	Heat-Sink Package	16-18-18	1.35V	•	•	
ADATA	AX4U3000316G16-BGZ(XMP)	16GB	DS	-	-	16-18-18-36	1.35	•	•	
ADATA	AX4U300038G16-DBZ(XMP)	8GB	SS	-	-	16-18-18-36	1.35	•	•	
ADATA	AX4U3000W4G16-BWZ(XMP)	4GB	SS	-	-	16-16-16-36	1.35	•	•	
Apacer	AHU08GGB30CDG6H (EK.16GAZ.GEAK2)	16GB (2x 8GB)	SS	Apacer	-	16-16-16-36	1.35	•	•	
Apacer	AHU08GGB30CDU5H (EK.16GAZ.GEBK2)	16GB (2x 8GB)	SS	Apacer	-	16-16-16-36	1.35	•	•	
AVEXIR	AVD4UZ130001604G-4COB	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36-51	1.35V	•	•	
AVEXIR	AVD4UZ130001608G-4COB	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36-51	1.35V	•	•	
CORSAIR	CMD32GX4M2B3000C15(Ver4.31)	32GB (16GB*2)	DS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	
CORSAIR	CMK16GX4M2B3000C15(Ver 4.42)	16GB (8GB*2)	DS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•		
CORSAIR	CMD16GX4M4B3000C15(Ver4.24)	4G	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	
CORSAIR	CMU16GX4M2C3000C159(Ver 4.31)	8G	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•		
CORSAIR	CMU32GX4M4C3000C15(Ver 5.3)	32GB(8GB*4)	DS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	

CORSAIR	CMD16GX4M2B3000C15(Ver5.30)	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	●		
CORSAIR	CMD32GX4M4C3000C15(Ver5.30)	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	●	●	
CORSAIR	CMR16GX4M2C3000C15(Ver4.31)	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	●		
CORSAIR	CMD16GX4M2B3000C15(Ver5.30)(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMD16GX4M4B3000C15(Ver5.29)(XMP)	16GB (4x 4GB)	DS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMD32GX4M2B3000C15(Ver5.39)(XMP)	32GB (2x 16GB)	DS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMD32GX4M4C3000C15(Ver3.32)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMK16GX4M2B3000C15(Ver3.32)(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMK16GX4M2B3000C15(Ver5.30)(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMK16GX4M4B3000C15(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMK32GX4M2B3000C15(Ver4.31)(XMP)	32GB (2x 16GB)	DS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMK32GX4M4B3000C15(Ver4.24)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMK32GX4M4B3000C15(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMK64GX4M4B3000C15(Ver4.31)(XMP)	64GB (4x 16GB)	DS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMR16GX4M2C3000C15(Ver5.30)(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-35	1.35	●		
CORSAIR	CMR32GX4M4C3000C15(Ver3.32)(XMP)	32GB (4x 8GB)	SS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMU16GX4M2C3000C15(Ver3.21)(XMP)	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.35	●		
CRUCIAL	BLT8G4D30AETA.K16FE	8GB	DS	N/A	Heat-Sink Package	15-16-16-35	1.35V	●		
CRUCIAL	BLE4G4D30AEEA.K8FE(XMP)	4GB	SS	-	-	15-16-16-35	1.35	●	●	
CRUCIAL	BLE8G4D30AEEA.K16FE(XMP)	8GB	DS	-	-	15-16-16-35	1.35	●	●	
CRUCIAL	BLT4G4D30AETA.K8FE(XMP)	4GB	SS	-	-	15-16-16-35	1.35	●	●	
CRUCIAL	BLT8G4D30AETA.K16FE(XMP)	8GB	DS	-	-	15-16-16-35	1.35	●	●	
G.SKILL	F4-3000C15D-32GVR	32GB (16GB*2)	DS	N/A	Heat-Sink Package	15-15-15-35	1.35V	●		
G.SKILL	F4-3000C15Q-32GRK	8G*4	DS	N/A	Heat-Sink Package	15-15-15-35	1.35V	●	●	
G.SKILL	F4-3000C15S-16GVR	16GB	DS	N/A	Heat-Sink Package	15-15-15-35	1.35V	●		
G.SKILL	F4-3000C14Q2-128GVK(XMP)	128GB (8x 16GB)	DS	-	-	14-14-14-34	1.35	●	●	
G.SKILL	F4-3000C14Q2-128GVRD	128GB (8x 16GB)	DS			14-14-14-34	1.35	●	●	
G.SKILL	F4-3000C14Q2-128GVKD	128GB (8x 16GB)	DS			14-14-14-34	1.35	●	●	
G.SKILL	F4-3000C15D-8GTZB(XMP)	8GB (2x 4GB)	SS	-	-	15-16-16-35	1.35	●		
G.SKILL	F4-3000C15D-8GTZB	8GB (2x 4GB)	SS			15-16-16-35	1.35	●		
G.SKILL	F4-3000C15D-8GVRB	8GB (2x 4GB)	SS			15-16-16-35	1.35	●		
G.SKILL	F4-3000C15Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.35	●	●	
GALAXY	HOF DDR4-3000	16GB (2x 8GB)		N/A	Heat-Sink Package	16-18-18-38	1.35V	●		
GEIL	GFR416GB3000C15ADC	8G	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	●		
GeIL	GLR416GB3000C15ADC	8GB	SS	N/A	Heat-Sink Package	16-18-18-38	1.35V	●	●	

GeIL	GLR416GB3000C15ADC(XMP)	8GB	SS	-	-	15-17-17-35	1.35	•	•	
GeIL	GWV416GB3000C15DC(XMP)	16GB (2x 8GB)	DS	GeIL	CG4L512G88BA093L	15-17-17-35	1.35	•		
Hyper X	HX430C15PB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-16-16-39	1.35	•	•	
Hyper X	HX430C15PB3K2/16(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-36	1.35	•		
Hyper X	HX430C15PB3K2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-17-17-36	1.35	•		
Hyper X	HX430C15PB3K4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-36	1.35	•	•	
Hyper X	HX430C15PB3K4/32(XMP)	32GB (4x 8GB)	SS	-	-	15-17-17-36	1.35	•	•	
Hyper X	HX430C15PB3K4/64(XMP)	64GB (4x 16GB)	DS	-	-	15-17-17-36	1.35		•	
Hyper X	HX430C15SB2/4(XMP)	4GB	SS	-	-	15-17-17-39	1.35	•		
Hyper X	HX430C15SB2K2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-17-17-39	1.35	•		
Hyper X	HX430C15SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-39	1.35	•		
Hyper X	HX430C15SBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	15-16-16-39	1.35	•		
HyperX	HX430C15PB3K4/32	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-17-17-36	1.35V	•	•	
KINGSTON	HX430C15PBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36-50	1.35V	•		
KINGSTON	HX430C15SB2K4/16	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36-50	1.35V	•		
KLEVV	IM44GU48A30-GIIHMC	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-18-18	1.35V	•	•	
Klevv	IM4AGU88A30-FGGHMZ	16GB	DS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM48GU88A30-FGGHMZ	8GB	SS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM44GU48A30-FGGHAZ	4GB	SS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM48GU88A30-FGGHMB	8GB	SS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM44GU48A30-FGGHAB	4GB	SS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM4AGU88A30-FGGHMB	16GB	DS	N/A	Heat-Sink Package	15-16-16	1.35V	•	•	
Klevv	IM44GU48A30-FFFHAB(XMP)	4GB	SS	-	-	15-15-16-36	1.2	•	•	
Klevv	IM48GU48A30-GIIHMC(XMP)	8GB	DS	-	-	16-18-18-36	1.35	•	•	
Klevv	IM48GU88A30-FFFHMB(XMP)	8GB	SS	-	-	15-15-16-36	1.2	•	•	
Klevv	IM4AGU88A30-FGGHMZ(XMP)	16GB	DS	-	-	15-15-16-36	1.35	•	•	
Klevv	KM4Z16X1A-3000-15-16-16-36-0	16GB	DS	-	-	15-15-16-36	1.35	•	•	
Klevv	IM4AGU88A30-FFFHMB(XMP)	16GB	DS	-	-	15-15-16-36	1.2	•	•	
NEO FORZA	NFMUD480E8-3000DH2A	8GB	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	
NEO FORZA	NMUD480E82-3000DB30	8GB	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	
PANRAM	PUD43000C154G4NJW	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-17-17-35	1.35V	•	•	
PATRIOT	PV432G300C6QK	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	16-16-16-36	1.35V	•	•	
PATRIOT	PVE416G300C6KBL	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	16-16-16-36	1.35V	•		
PATRIOT	PVE48G300C6KRD	8GB (2x 4GB)	SS	N/A	Heat-Sink Package	16-16-16-36	1.35V	•	•	
PATRIOT	PV416G300C6K(XMP)	16GB (2x 8GB)	SS	-	-	16-16-16-36	-	•		
TEAM	TFWD416G3000C16CBK	16G	DS	TEAM	T4D10248HT-30	16-18-18-38	1.35V	•		

TEAM	TFRD48G3000C16CBK	8G	DS	N/A	SEC625	16-18-18-38	1.35V	•	•	
TEAM	TCD44G3000C16CBK	4G	SS	TEAM	T4D5128HT-30	16-18-18-38	1.35V	•	•	
TEAM	TDRGD48G3000HC16CBK	8GB	DS	N/A	Heat-Sink Package	16-18-18-38	1.35V	•	•	
TEAM	TCD44G3000C16CBK(XMP)	4GB	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•	•	
TEAM	TLRED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•	•	
TEAM	TLGD416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•	•	
TEAM	TDRED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•	•	
TEAM	TDGED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•	•	
TEAM	TLRED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•		
TEAM	TLGD48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•		
TEAM	TDRED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•		
TEAM	TDGED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	•		
TEAM	TFRD48G3000C16CBK(XMP)	8GB	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TLRED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TLGD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDRED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDGED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDPRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDPGD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	THRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	THWD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	THBD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDTRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDTWD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TDTBD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•	•	
TEAM	TLRED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TLGD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDRED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDGED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDPRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDPGD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	THRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	THWD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	THBD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDTRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TDTWD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		

TEAM	TDTBD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.35	•		
TEAM	TFWD416G3000C16CBK(XMP)	16GB	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDPRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDPGD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	THRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	THWD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	THBD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDTRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDTWD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDTBD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•	•	
TEAM	TDPRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	TDPGD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	THRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	THWD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	THBD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	TDTRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	TDTWD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
TEAM	TDTBD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248HT-30	16-18-18-38	1.35	•		
V-corlor	TL48G30S816RGB(XMP)	8GB	SS	-	-	16-18-18-38	1.35	•	•	

DDR4 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	Digital Storm	8G	DS	SK HYNIX	HMA54G8NAFR			•		
ADATA	AX4U280038G17-SBF	8GB*8	SS	N/A	Heat-Sink Package	18-17-17-36	1.2V	•	•	
ADATA	AX4U2800316G16-SBF	16GB	DS	N/A	Heat-Sink Package	17-16-16-36	1.2V	•		
ADATA	AX4U2800W8G17-BRD	8GB	DS	N/A	Heat-Sink Package	17-17-17-36	1.2V	•	•	
ADATA	AX4U2800W4G17-BRZ	8GB(2*4GB)	SS	N/A	Heat-Sink Package	17-17-17-36	1.2V	•		
ADATA	AX4U280038G17-BWZ	8G	SS	N/A	Heat-Sink Package	17-17-17-36	1.2V	•		
ADATA	AX4U2800316G16(XMP)	16GB	DS	-	-	16-16-16-36	1.2	•	•	
ADATA	AX4U2800316G16-SBF(XMP)	16GB	DS	-	-	16-16-16-36	1.2	•	•	
ADATA	AX4U280038G17-SBF(XMP)	8GB	SS	-	-	17-17-17-36	1.2	•	•	
ADATA	AX4U2800W4G17-BRZ(XMP)	4GB	SS	-	-	17-17-17-36	1.2	•	•	
ADATA	AX4U2800W8G15(XMP)	8GB	DS	-	-	15-16-16-35	1.25	•	•	
ADATA	AX4U2800W8G17-BRD(XMP)	8GB	DS	-	-	17-17-17-36	1.2	•	•	
ADATA	AX4U2800W8G17-BRZ(XMP)	8GB	DS	-	-	17-17-17-36	1.2	•	•	
Apacer	78.BAGM8.AF20B(XMP)	16GB (4x 4GB)	SS	-	-	17-17-17-36	-	•	•	

Apacer	78.CAGM8.AF30B(XMP)	32GB (4x 8GB)	DS	-	-	17-17-17-36	-	•	•	
Apacer	AHU08GGB28CET6H (EK.16GAW.KFAK2)	8GB	DS	Apacer	-	17-17-17-36	1.2	•	•	
Apacer	AHU08GGB28CEU6H (EK.16GAW.GFAK2)	16GB (2x 8GB)	SS	Apacer	-	17-17-17-36	1.2	•	•	
Apacer	AHU08GGB28CEU5H (EK.16GAW.GFBK2)	16GB (2x 8GB)	SS	Apacer	-	17-17-17-36	1.2	•	•	
AVEXIR	AVD4UZ128001604G-4COB	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36-51	1.2V	•	•	
AVEXIR	AVD4UZ128001608G-4COB	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36-51	1.2V	•	•	
AVEXIR	AVD4UZ128001504G-4BZ1RR	4G*4	SS	N/A	Heat-Sink Package		1.35V	•	•	
AVEXIR	AVD4UZ128001508G-4BZ1RR	8G*4	DS	N/A	Heat-Sink Package		1.35V	•	•	
CORSAIR	CMK16GX4M4A2800C16	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.2V	•	•	
CORSAIR	CMK32GX4M4A2800C16	32GB (8GB*4)	DS	N/A	Heat-Sink Package	16-18-18-36	1.2V	•		
CORSAIR	CMD16GX4M4A2800C16	16GB(4*4GB)	SS	N/A	Heat-Sink Package	16-18-18-36	1.2V	•	•	
CORSAIR	CMK64GX4M8B2800C14	64GB(8*8GB)	DS	N/A	Heat-Sink Package	14-16-16-36	1.35V			•
CORSAIR	CMD16GX4M4A2800C16(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-36	1.2	•	•	
CORSAIR	CMD32GX4M4A2800C15(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-36	1.2	•	•	
CORSAIR	CMD32GX4M4A2800C16(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	18-18-18-36	1.2	•	•	
CORSAIR	CMK16GX4M4A2800C16(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-36	1.2	•	•	
CORSAIR	CMK64GX4M8B2800C14(Ver4.24)(XMP)	64GB (8x 8GB)	DS	-	-	14-16-16-36	1.35	•	•	•
FORZA	NFMUD416E8-2800EH2A	16GB	DS	N/A	Heat-Sink Package	17-17-17-36	1.2V	•	•	
FORZA	NFMUD480E8-2800DH2A	8G	SS	N/A	Heat-Sink Package	17-17-17-36	1.2V	•		
G.SKILL	F4-2800C16D-16GRR	8G*2	SS	N/A	Heat-Sink Package		1.2V	•		
G.SKILL	F4-2800C14Q-64GVK	16G*4	DS	N/A	Heat-Sink Package	14-14-14-35	1.35V	•		
G.SKILL	F4-2800C16Q-32GVR	8G*4	SS	N/A	Heat-Sink Package	16-16-16-36	1.20V	•	•	
G.SKILL	F4-2800C14Q-64GVK(XMP)	64GB (4x 16GB)	DS	-	-	14-14-14-35	1.35	•		
G.SKILL	F4-2800C15Q2-64GRK(XMP)	64GB (8x 8GB)	DS	-	-	15-16-16-35	1.25	•	•	
G.SKILL	F4-2800C15Q2-64GRK(XMP)	64GB (8x 8GB)	DS	-	-	15-16-16-35	1.25	•		
G.SKILL	F4-2800C16Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	16-16-16-36	1.2	•	•	
G.SKILL	F4-2800C16Q-32GRR(XMP)	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.2	•		
G.SKILL	F4-2800C16Q-32GVR	32GB (4x 8GB)	DS			16-16-16-36	1.2	•	•	
G.SKILL	F4-2800C16Q-32GVB	32GB (4x 8GB)	DS			16-16-16-36	1.2	•	•	
G.SKILL	F4-2800C16Q-32GVK	32GB (4x 8GB)	DS			16-16-16-36	1.2	•	•	
G.SKILL	F4-2800C16Q-32GVG	32GB (4x 8GB)	DS			16-16-16-36	1.2	•	•	
G.SKILL	F4-2800C16Q-32GVS	32GB (4x 8GB)	DS			16-16-16-36	1.2	•	•	
GeIL	GPR416GB2800C16QC(XMP)	16GB (4x 4GB)	SS	-	-	16-16-16-36	1.2	•	•	

GeIL	GPR432GB2800C16QC(XMP)	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.2	•	•	
Hyper X	HX428C14PBK8/64(XMP)	64GB (8x 8GB)	DS	-	-	14-15-15-39	1.35	•	•	
KINGMAX	GLMG42F-18KIIA CJBR4	8GB	SS	N/A	Heat-Sink Package	17-17-17-39	1.20V			•
KINGMAX	GLMG42F-18KIIA-CJBR4(XMP)	8GB	SS	-	-	17-17-17-39	1.2	•	•	
KINGSTON	HX428C14PBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36-50	1.35V	•		
KINGSTON	HX428C14SB2K4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36-50	1.35V	•		
Klevv	IMA451U6MFR8N-DG0(Ver1.05)(XMP)	4GB	SS	-	-	16-16-16-36	1.2	•	•	
NEO FORZA	NFMUD416E8-2800EB2A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800EB3A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800EC2A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800EC3A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800ED2A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800EH2A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD416E8-2800EH2A(XMP)	16GB	DS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DB2A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DB3A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DC2A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DC3A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DD2A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DD3A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DH2A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
NEO FORZA	NFMUD480E8-2800DH2A(XMP)	8GB	SS	-	-	2800-17-17-17-36	-	•	•	
PANRAM	PUD42800C164G4NJW	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-36	1.25V	•	•	
TEAM	TFWD416G2800C16CBK	16G	DS	TEAM	T4D10248HT-30	16-18-18-38	1.2V	•	•	
TEAM	TCD44G2800C16CBK	4G	SS	TEAM	T4D5128HT-30	16-18-18-38	1.2V	•		
TEAM	TCD44G2800C16CBK(XMP)	4GB	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•	•	
TEAM	TLRED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•	•	
TEAM	TLGD416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•	•	
TEAM	TDRED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•	•	
TEAM	TDGED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•	•	
TEAM	TLRED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•		
TEAM	TLGD48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•		
TEAM	TDRED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•		
TEAM	TDGED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	•		
TEAM	TFRD48G2800C16CBK(XMP)	8GB	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	•	•	
TEAM	TLRED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	•		

TEAM	TLGD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TDRED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TDGED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THRD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THWD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THBD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TLRED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TLGD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TDRED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TDGED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THRD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THWD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	THBD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	16-18-18-38	1.2	●		
TEAM	TFWD416G2800C16CBK(XMP)	16GB	DS	Team	T4D10248HT-30	16-18-18-38	1.2	●	●	

DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	AX4U2666W4G16-BRZ	4GB	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
ADATA	AX4U266638G16-DRZ	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
ADATA	AX4U2666W8G16-QRZ	32GB (4x 8GB)	DS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
ADATA	AX4U266638G16-DRZ(XMP)	16GB (2x 8GB)	SS	-	-	16-16-16-39	1.2	●		
ADATA	AX4U2666W4G16-BRZ(XMP)	4GB	SS	-	-	16-16-16-39	1.2	●	●	
ADATA	AX4U2666W8G16-QRZ(XMP)	32GB (4x 8GB)	DS	-	-	16-16-16-39	1.2	●	●	
AVEXIR	AVD4UZ126661504G-4COB	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	●	●	
AVEXIR	AVD4UZ126661508G-4COB	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36	1.2V	●		
AVEXIR	AVD4UZ126661504G-4IPROG	16G(4G*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
AVEXIR	AVD4UZ126661504G	8G(4G*2)	DS	N/A	Heat-Sink Package		1.2V	●		
AVEXIR	AVD4UZ126661704G-4COR	4G*4	SS	N/A	Heat-Sink Package		1.2V	●	●	
AVEXIR	AVD4UZ126661708G-4COR	8G*4	SS	N/A	Heat-Sink Package		1.2V	●	●	
CORSAIR	CMK16GX4M4A2666C16 (Ver5.29)	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●		
CORSAIR	CMD32GX4M4A2666C15(Ver5.29)	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-17-17-35	1.2V	●	●	
CORSAIR	CMD128GX4M8A2666C15	128GB(16GB*4)	DS	N/A	Heat-Sink Package	15-17-17-35	1.2V	●	●	
CORSAIR	CMU32GX4M2A2666C16 (Ver5.20)	32GB(2*16GB)	DS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●		
CORSAIR	CMK32GX4M4A2666C16(Ver3.20)	32GB(8GB*4)	DS	N/A		16-18-18-35	1.2V	●	●	
CORSAIR	CMK16GX4M2A2666C16 (Ver3.31)	16GB(2*8GB)	SS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●	●	
CORSAIR	CMK32GX4M2A2666C16 (Ver5.39)	32GB(2*16GB)	DS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●	●	

CORSAIR	CMK16GX4M4A2666C15 (Ver5.20)	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-17-17-35	1.2V	●	●	
CORSAIR	CMK64GX4M4A2666C16 (Ver5.3)	64GB(16GB*4)	DS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●		
CORSAIR	CMK32GX4M4A2666C15 (Ver5.20)	32GB(4*8GB)	DS	N/A	Heat-Sink Package	15-17-17-35	1.2V	●	●	
CORSAIR	CMK16GX4M2A2666C16(Ver5.30)	8GB	SS	N/A	Heat-Sink Package	16-18-18-35	1.2V	●		
CORSAIR	CMK128GX4M8A2666C16(Ver5.39)	128GB(8*16GB)	DS	N/A	Heat-Sink Package	16-18-18-36	1.20V	●	●	
CORSAIR	CMR16GX4M2A2666C16(Ver5.30)	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	16-18-18-35	1.20V	●		
CORSAIR	CMD128GX4M8A2666C15(Ver4.31)(XMP)	128GB (8x 16GB)	DS	-	-	15-17-17-35	1.2	●	●	●
CORSAIR	CMD16GX4M2A2666C15(Ver4.23)(XMP)	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.2	●		
CORSAIR	CMD16GX4M4A2666C15(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMD16GX4M4A2666C16(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMD16GX4M4A2666C16(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMD32GX4M4A2666C15(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMD32GX4M4A2666C15(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMD32GX4M4A2666C16(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMD64GX4M8A2666C15(Ver4.23)(XMP)	64GB (8x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMD64GX4M8A2666C15(Ver4.24)(XMP)	64GB (8x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	●
CORSAIR	CMD8GX4M2A2666C15(Ver4.23)(XMP)	8GB (2x 4GB)	DS	-	-	15-17-17-35	1.2	●		
CORSAIR	CMD8GX4M2A2666C15(Ver4.23)(XMP)	8GB (2x 4GB)	DS	-	-	15-17-17-35	1.2	●		
CORSAIR	CMK128GX4M8A2666C16(Ver5.39)(XMP)	128GB (8x 16GB)	DS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK16GX4M2A2666C16(Ver5.29)(XMP)	16GB (2x 8GB)	DS	-	-	16-18-18-35	1.2	●		
CORSAIR	CMK16GX4M2A2666C16(Ver5.29)(XMP)	16GB (2x 8GB)	DS	-	-	16-18-18-35	1.2	●		
CORSAIR	CMK16GX4M2A2666C16(Ver5.30)(XMP)	16GB (2x 8GB)	SS	-	-	16-18-18-35	1.2	●		
CORSAIR	CMK16GX4M4A2666C15(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●		
CORSAIR	CMK16GX4M4A2666C15(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMK16GX4M4A2666C16(Ver3.21)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK16GX4M4A2666C16(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK16GX4M4A2666C16(Ver5.29)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK32GX4M2A2666C16(Ver4.31)(XMP)	32GB (2x 16GB)	DS	-	-	16-18-18-35	1.2	●		
CORSAIR	CMK32GX4M2A2666C16R(Ver3.31)(XMP)	32GB (2x 16GB)	DS	-	-	16-18-18-35	1.2	●		
CORSAIR	CMK32GX4M4A2666C15(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
CORSAIR	CMK32GX4M4A2666C15(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●		
CORSAIR	CMK32GX4M4A2666C16(Ver3.20)(XMP)	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver3.21)(XMP)	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	16-16-18-35	1.2	●	●	
CORSAIR	CMK32GX4M4A2666C16(Ver5.30)(XMP)	32GB (4x 8GB)	SS	-	-	16-18-18-35	1.2	●	●	
CORSAIR	CMK32GX4M4A2666C16R(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2	●	●	

CORSAIR	CMK64GX4M4A2666C16(Ver3.31)(XMP)	64GB (4x 16GB)	DS	-	-	16-18-18-35	1.2	•	•	
CORSAIR	CMK64GX4M4A2666C16(Ver4.31)(XMP)	64GB (4x 16GB)	DS	-	-	16-18-18-35	1.2	•	•	
CORSAIR	CMU32GX4M4A2666C16(Ver5.30)(XMP)	32GB (4x 8GB)	SS	-	-	16-18-18-35	1.2	•	•	
CRUCIAL	BLE4G4D26AFEA.8FAD	8G	SS	N/A	Heat-Sink Package	16-16-17-36	1.2V	•	•	
CRUCIAL	BLE8G4D26AFEA.16FAD	8G	DS	N/A	Heat-Sink Package	16-17-17-36	1.2V	•	•	
CRUCIAL	BLT4G4D26AFTA.8FADG	4G	SS	N/A	Heat-Sink Package	16-17-17-36	1.2V	•	•	
CRUCIAL	BLS8G4D26BFSC.16FBR2	8GB	DS	N/A	Heat-Sink Package	16-18-18-38	1.20V	•	•	
CRUCIAL	BLS4G4D26BFSC.8FBR2	4GB	SS	N/A	Heat-Sink Package	16-18-18-38	1.20V	•	•	
CRUCIAL	BLE4G4D26AFEA.8FAD (XMP)	4GB	SS	-	-	16-17-17-36	1.2	•	•	
CRUCIAL	BLE8G4D26AFEA.16FAD(XMP)	8GB	DS	-	-	16-17-17-36	1.2	•	•	
CRUCIAL	BLS16G4D26BFSC.16FBD(XMP)	16GB	DS	-	-	16-18-18-38	1.2	•	•	
CRUCIAL	BLS4G4D26BFSC.8FBR2(XMP)	4GB	SS	-	-	16-18-18-38	1.2	•	•	
CRUCIAL	BLS8G4D26BFSC.16FBR2(XMP)	8GB	DS	-	-	16-18-18-38	1.2	•	•	
CRUCIAL	BLT4G4D26AFTA.8FADG(XMP)	16GB (4x4GB)	SS	-	-	16-17-17-36	1.2	•	•	
CRUCIAL	BLT4G4D26AFTA.8FADG(XMP)	4GB	SS	-	-	16-17-17-36	1.2	•	•	
CRUCIAL	BLT8G4D26AFTA.16FAD(XMP)	32GB (4x 8GB)	DS	-	-	16-17-17-36	1.2	•	•	
CRUCIAL	BLT8G4D26AFTA.16FAD(XMP)	8GB	DS	-	-	16-17-17-36	1.2	•	•	
G.SKILL	F4-2666C15Q-16GRR	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•		
G.SKILL	F4-2666C15Q-32GRR	8G*4	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2666C16Q2-64GRB	64GB (8GBx8)	SS	N/A	Heat-Sink Package	16-16-16-36	1.20V			•
G.SKILL	F4-2666C15Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GVR	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GVB	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GVG	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GVK	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GVS	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GRK	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-16GRB	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GRR(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GVR	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GVB	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GVG	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GVK	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GVS	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GRK	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2666C15Q-32GRB	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	

G.SKILL	F4-2666C16Q2-128GVK(XMP)	128GB (8x 16GB)	DS	-	-	16-16-16-36	1.2	●	●	
G.SKILL	F4-2666C16Q2-128GVR	128GB (8x 16GB)	DS	-	-	16-16-16-36	1.2	●	●	
Hyper X	HX426C13SB2/4(XMP)	4GB	SS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2/8(XMP)	8GB	DS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K2/16(XMP)	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K2/8(XMP)	8GB (2x 4GB)	SS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	13-15-15-39	1.35	●		
Hyper X	HX426C13SB2K4/32(XMP)	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	13-15-15-39	1.35	●		
Hyper X	HX426C15FB/4	4GB	SS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FB/4	4GB	SS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FB/8	8GB	DS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FB/8	8GB	DS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK2/16	16GB (2x 8GB)	DS	-	-	15-15-17-35	1.2	●		
Hyper X	HX426C15FBK2/16	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.2	●		
Hyper X	HX426C15FBK2/16	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.2	●		
Hyper X	HX426C15FBK2/8	8GB (2x 4GB)	SS	-	-	15-17-17-35	1.2	●		
Hyper X	HX426C15FBK2/8	8GB (2x 4GB)	SS	-	-	15-17-17-35	1.2	●		
Hyper X	HX426C15FBK4/16	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/16	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/16	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	
Hyper X	HX426C15SBK4/64(XMP)	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	
Hyper X	HX426C16FB/16	16GB	DS	-	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FB2/8(XMP)	8GB	SS	-	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FB2K2/16(XMP)	16GB (2x 8GB)	SS	-	-	16-18-18-39	1.2	●		
Hyper X	HX426C16FB2K4/32(XMP)	32GB (4x 8GB)	SS	-	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FBK2/32	32GB (2x 16GB)	DS	-	-	16-18-18-39	1.2	●		
Hyper X	HX426C16FBK4/64	64GB (4x 16GB)	DS	-	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FBK4/64	64GB (4x 16GB)	DS	-	-	16-18-18-39	-	●		
Hyper X	HX426C16FW/16	16GB	DS	-	-	16-18-18-39	1.2	●	●	
Hyper X	HX426C16FWK2/32	32GB (2x 16GB)	DS	-	-	16-18-18-39	1.2	●		
Hyper X	HX426C16FWK4/64	64GB (4x 16GB)	DS	-	-	16-18-18-39	1.2	●	●	

HyperX	HX426C15FBK2/16	8G	DS	N/A	Heat-Sink Package		1.2V	•	•	
HyperX	HX426C16FB2K4/64	64GB(4*16GB)	DS	N/A	Heat-Sink Package	16-18-18-39	1.20V	•	•	
HyperX	HX426C15SBK8/128	128GB (16GBx8)	DS	N/A	Heat-Sink Package	15-16-16-35	1.20V		•	
KINGSTON	HX426C13PBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36	1.35V	•		
KINGSTON	HX426C15FBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-17-17-35	1.2V	•		
KINGSTON	HX426C13SB2K4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-36	1.35V	•	•	
KINGSTON	HX426C13SB2K4/16	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.35V	•		
Kingston	KVR26N19S8/8	8GB	SS	Micron	D9TZV	19-19-19-43	1.2	•	•	
KLEVV	IMA41GU6MFR8N-C F0	8G	DS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM48GU88N26-FFFHMZ	8GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•		
Klevv	IM4AGU88N26-FFFHMZ	16GB	DS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM44GU48N26-FFFHAZ	4GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM44GU48N26-FFFHAZ(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX1N-2666-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX2N-2666-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX4N-2666-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM48GU88N26-FFFHMZ(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX1N-2666-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX1N-2666-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX1N-2666-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM4AGU88N26-FFFHMZ(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X1N-2666-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X2N-2666-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X4N-2666-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4C4GX4N-2666-15-15-15-35-0 (XMP)	4GB	SS	-	-	15-15-15-35	1.2	•		
Klevv	KM4C4GX4N-2666-15-15-15-35-1 (XMP)	4GB	SS	-	-	15-15-15-35	1.2	•		
Klevv	KM4C8GX4N-2666-15-15-15-35-0 (XMP)	8GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4C8GX4N-2666-15-15-15-35-1 (XMP)	8GB	DS	-	-	15-15-15-35	1.2	•	•	
MUSHKIN	997192F	8GB(4GB*2)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
PATRIOT	PV416G266C5QK	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
PNY	MD16GK4D4266615AXR	16GB (4GB*4)	SS	N/A	Heat-Sink Package		1.2V	•	•	
TEAM	TFRD4162666C15BBK	16G	DS	N/A	SEC546	15-17-17-35	1.2V	•		
TEAM	TFWD48G2666C15BBK	8G	DS	N/A	SEC634	15-17-17-35	1.2V	•	•	
TEAM	TCD44G2666C15BBK	4G	SS	TEAM	T4D5128HT-266	15-17-17-35	1.2V	•	•	
TEAM	TCD44G2666C15BBK(XMP)	4GB	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•	
TEAM	TLRED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•	

TEAM	TLGD416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●	●	
TEAM	TDRED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●	●	
TEAM	TDGED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●	●	
TEAM	TLRED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●		
TEAM	TLGD48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●		
TEAM	TDRED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●		
TEAM	TDGED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	●		
TEAM	TFRD416G2666C15BBK(XMP)	16GB	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●	●	
TEAM	THRD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●	●	
TEAM	THWD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●	●	
TEAM	THBD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●	●	
TEAM	THRD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●		
TEAM	THWD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●		
TEAM	THBD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085WBBCPB	15-17-17-35	1.2	●		
TEAM	TFWD48G2666C15BBK(XMP)	8GB	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	TLRED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	TLGD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	TDRED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	TDGED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	THRD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	THWD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	THBD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●	●	
TEAM	TLRED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	TLGD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	TDRED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	TDGED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	THRD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	THWD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		
TEAM	THBD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085WSBCPB	15-17-17-35	1.2	●		

DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	AD4U2400W4G17-B	4GB	SS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-35	1.2	●	●	
ADATA	AD4U2400W8G17-B	8GB	DS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-35	1.2	●	●	
ADATA	AX4U2400316G16-DRD(XMP)	16GB	DS	-	-	16-16-16-39	1.2	●	●	
ADATA	AX4U2400316G16-SBF(XMP)	16GB	DS	-	-	16-16-16-36	1.2	●	●	

ADATA	AX4U240038G16-SBF(XMP)	8GB	SS	-	-	16-16-16-39	1.2	•	•	
ADATA	AX4U2400W8G16-BRZ(XMP)	8GB	DS	-	-	16-16-16-39	1.2	•	•	
ADATA	AX4U2400W8G16-DRD(XMP)	8GB	DS	-	-	16-16-16-39	1.2	•	•	
ADATA	AD4X240038G17-BP	64GB (8GBx8)	SS	N/A	PP019-083E	17-17-17-39	1.20V			•
ADATA	AX4U2400W8G16-DRZ	8G	DS	N/A	Heat-Sink Package	16-16-16	1.2V	•	•	
ADATA	AX4U2400W4G16-DRZ	4G	SS	N/A	Heat-Sink Package	16-16-16	1.2V	•		
ADATA	AX4U2400W8G16-BRZ	8G	DS	N/A	Heat-Sink Package	16-16-16	1.2V	•	•	
ADATA	AX4U240038G16-BWZ	8GB*8	SS	N/A	Heat-Sink Package	17-16-16-39	1.2V	•	•	
ADATA	AX4U2400316G16-SBF	16G*16	DS	N/A	Heat-Sink Package	17-16-16-39	1.2V	•	•	
ADATA	AX4U2400W8G16-DRD	8GB	DS	N/A	Heat-Sink Package	17-17-17-39	1.2V	•	•	
ADATA	AX4U2400316G16-DRD	16G	DS	N/A	Heat-Sink Package	17-17-17-39	1.2V	•	•	
Apacer	78.B1GMS.4050B	16GB (4x 4GB)	SS	Samsung	K4A4G085WD	17-17-17-39	-	•		
Apacer	78.C1GMS.4010B	32GB (4x 8GB)	DS	Samsung	K4A4G085WD	17-17-17-39	-	•	•	
Apacer	EL.08G2T.GFM	8GB	SS	Apacer	AM6F6308MHHSB2	17-17-17-39	-	•	•	
Apacer	AU08GGB24CEYBGC(EL.08G2T.GFM)	8GB	SS	Apacer	AM6F6308MHHSB2	17-17-17-39	1.2	•	•	
Apacer	AHU08GGB24CDT7G(EK.08G2T.KEC)	8GB	DS	Apacer	-	16-16-16-36	1.2	•	•	
Apacer	AHU08GGB24CDU7G(EK.08G2T.GEC)	8GB	SS	Apacer	-	16-16-16-36	1.2	•	•	
Apacer	AHU08GGB24CDU6H(EK.16GAT.GEAK2)	16GB (2x 8GB)	SS	Apacer	-	16-16-16-36	1.2	•	•	
Apacer	AHU08GGB24CDU5H(EK.16GAT.GEBK2)	16GB (2x 8GB)	SS	Apacer	-	16-16-16-36	1.2	•	•	
APACER	AHU08GGB24CDU7S	8GB	SS	N/A	Heat-Sink Package	16-16-16-36	1.20V	•	•	•
APACER	78.C1GMA.AF30B	8G	DS	SK HYNIX	H5AN4G8NMFR	16-16-16-36	1.2V	•	•	
APACER	AHU08GGB24CDT7G	8G	DS	N/A	Heat-Sink Package	16-16-16-36		•	•	
APACER	78.B1GMA.AF20B	4G	SS	SK HYNIX	H5AN4G8NMFR	16-16-16-36	1.2V	•		
APACER	AH08GGB24CDT5H	16GB (2x 8G)	DS	N/A	Heat-Sink Package	16-16-16-36		•	•	
APACER	AU08GGB24CETBGC	8G	DS	APACER	AM6F600801HSBZT550 E			•	•	
APACER	AU08GGB24CEYBGC	8G	SS	APACER	AM6F6308MHHSB2	17-17-17-39	1.2V	•		
Asgard	VML41UG-MIC1U22ZG	8GB	SS	N/A	Heat-Sink Package	17-17-17-39	1.20V	•	•	•
AVEXIR	AVD4UZ124001608G-4COR	8G	DS	N/A	Heat-Sink Package		1.2V	•		
AVEXIR	AVD4UZ124001604G-4COB	4G	SS	N/A	Heat-Sink Package		1.2V	•	•	
AVEXIR	AVD4UZ124001608G-1COB	8G	DS	N/A	Heat-Sink Package		1.2V	•	•	
AVEXIR	AVD4U24001608G-1BW	8G	DS	N/A	512X8DDR4		1.2V	•	•	
AVEXIR	AVD4UZ124001604G-4COR	16GB (4x 4GB)	SS	N/A	Heat-Sink Package	16-16-16-36	1.2V	•	•	
CORSAIR	CMD16GX4M4A2400C14(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	14-16-16-31	1.2	•	•	
CORSAIR	CMD32GX4M4A2400C14(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	14-16-16-31	1.2	•	•	
CORSAIR	CMK16GX4M2A2400C16(Ver3.31)(XMP)	16GB (2x 8GB)	DS	-	-	16-16-16-39	1.2	•		
CORSAIR	CMK16GX4M2Z2400C16(Ver3.31)	16GB (2x 8GB)	SS	-	-	16-16-16-39	1.2	•		

CORSAIR	CMK16GX4M4A2400C14(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	14-16-16-31	1.2	●	●	
CORSAIR	CMK32GX4M4A2400C14(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	14-16-16-31	1.2	●	●	
CORSAIR	CMK32GX4M4A2400C16(Ver3.31)(XMP)	32GB (4x 8GB)	SS	-	-	16-16-16-39	1.2	●	●	
CORSAIR	CMK64GX4M4A2400C14(Ver3.31)(XMP)	64GB (4x 16GB)	DS	-	-	14-16-16-31	1.2	●	●	
CORSAIR	CMK64GX4M4A2400C14(Ver4.31)(XMP)	64GB (4x 16GB)	DS	-	-	14-16-16-31	1.2	●	●	
CORSAIR	CMK128GX4M8A2400C14(Ver5.30)(XMP)	128GB (8x 16GB)	DS	-	-	14-16-16-31	1.2	●	●	●
CORSAIR	CM4X8GE2400C14K4-CN (Ver4.24)	8G	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●		
CORSAIR	CMK8GX4M1A2400C14(Ver3.20)	8G	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●		
CORSAIR	CM4X8GE2400C16K4-CN (Ver5.20)	8G	DS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●		
CORSAIR	CMD32GX4M4A2400C14 (Ver4.23)	8G	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●	●	
CORSAIR	CMD32GX4M4A2400C12 (Ver5.20)	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
CORSAIR	CMK32GX4M2A2400C14(Ver3.31)	32GB916GB*2)	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●	●	
CORSAIR	CMK32GX4M4A2400C16R(Ver3.31)	32GB(4*8GB)	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
CORSAIR	CMD16GX4M4B2400C10	16GB(4*4GB)	SS	N/A	Heat-Sink Package	10-12-12-28	1.35V	●	●	
CORSAIR	CMK16GX4M2Z2400C16(Ver3.31)	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	16-16-16-18	1.20V	●		
CORSAIR	CMK128GX4M8A2400C14(Ver5.30)	128GB(8*16GB)	DS	N/A	Heat-Sink Package	14-16-16-31	1.20V	●	●	
CORSAIR	CMK16GX4M2Z2400C16(Ver3.31)	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	16-16-16-39	1.20V	●		
CRUCIAL	BLS16G4D240FSB.16FBD(XMP)	16GB	DS	-	-	16-16-16-39	1.2	●	●	
CRUCIAL	BLS4G4D240FSB.8FBD(XMP)	4GB	SS	-	-	16-16-16-39	1.2	●	●	
CRUCIAL	BLS8G4D240FSBK.8FBD(XMP)	8GB	SS	-	-	16-16-16-39	1.2	●	●	
CRUCIAL	CT16G4DFD824A.16FB1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●	●	
CRUCIAL	CT16G4DFD824A.C16FDR1	16GB	DS	Micron	C9BGV	17-17-17-39	1.2	●	●	
CRUCIAL	CT8G4DFS824A.8FB1	8GB	SS	-	-	17-17-17-39	1.2	●	●	
CRUCIAL	CT8G4DFS824A.C8FBD1	8GB	SS	Micro	6VB47 C9BGM	17-17-17-39	1.20V	●	●	●
CRUCIAL	BLS8G4D240FSC.16FBR2	8GB	DS	N/A	Heat-Sink Package	16-16-16-39	1.20V	●	●	●
CRUCIAL	BLS4K4G4D240FSA	4G	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●		
CRUCIAL	BLS8G4D240FSA.16FADG	8G	DS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●		
CRUCIAL	BLS8G4D240FSB.16FARG	32GB(8GB*4)	DS	N/A	Heat-Sink Package		1.2V	●		
CRUCIAL	BLS8G4D240FSC.16FARG	8GB	DS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
CRUCIAL	BLS16G4D240FSE.16FAD	16G	DS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
CRUCIAL	BLS4G4D240FSA.8FARG	4G	SS	N/A	Heat-Sink Package	16-16-16-39	1.2V	●	●	
CRUCIAL	MTA16ATF1G64AZ-2G3A2	8GB	DS	MICON	5VA77D9RGG	17-17-17-39	1.2V	●		
G.SKILL	F4-2400C15Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GVR	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GVB	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GVG	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	

G.SKILL	F4-2400C15Q-16GVK	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GVS	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GRK	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-16GRB	16GB (4x 4GB)	SS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GRR(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GVR	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GVB	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GVG	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GVK	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GVS	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GRK	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C15Q-32GRB	32GB (4x 8GB)	DS			15-15-15-35	1.2	●	●	
G.SKILL	F4-2400C14Q2-128GRK(XMP)	128GB (8x 16GB)	DS	-	-	14-14-14-34	1.2	●	●	●
G.SKILL	F4-2400C15Q2-128GRK(XMP)	128GB (8x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q2-128GVK(XMP)	128GB (8x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q2-128GVR	128GB (8x 16GB)	DS			15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q2-64GRK(XMP)	64GB (8x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q-32GRB	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
G.SKILL	F4-2400C15D-169GVR	16GB (8GB*2)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
G.SKILL	F4-2400C14Q2-128GRK	16G	DS	N/A	Heat-Sink Package	14-14-14-34	1.2V	●		
G.SKILL	F4-2400C14Q-16GRK	4G	SS	N/A	Heat-Sink Package	14-14-14-34	1.2V	●	●	
G.SKILL	F4-2400C15Q-16GRR	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
G.SKILL	F4-2400C15Q-64GIS	64GB(16GB*4)	DS	N/A	Heat-Sink Package		1.2V	●	●	
G.SKILL	F4-2400C15Q-32GNT	32GB(8GB*4)	SS	G.SKILL	D4 1GM8GE15		1.2V	●		
G.SKILL	F4-2400C15Q-32GFX	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-15-15-39	1.20V	●	●	
G.SKILL	F4-2400C16Q-64GFX	64GB(4*16GB)	DS	N/A	Heat-Sink Package	16-16-16-39	1.20V	●	●	
GALAXY	GAL4AXLBM2400D16JE081C	8G	SS	GALAXY	GA4L1GM88BA093H		1.2V	●	●	
GALAXY	GAM4BXLBS240016JE164C	16GB (4GB*4)	SS	N/A	Heat-Sink Package	16-16-16-36	1.2V	●		
GALAXY	GAM4HFL1BM2400D15IE08IC	8G	DS	N/A	Heat-Sink Package		1.2V	●		
GeIL	GFR416GB2400C16S(XMP)	16GB	SS	-	-	16-16-16-36	1.2	●		
GeIL	GFR432GB2400C16D(XMP)	16GB	SS	-	-	16-16-16-36	1.2	●	●	
GeIL	GLR464GB2400C14QC(XMP)	64GB (4x 16GB)	DS	-	-	14-14-14-35	1.2	●	●	
GeIL	GPR416GB2400C15QC(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●		
GeIL	GPR432GB2400C15QC(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	
GeIL	GPR432GB2400C16QC(XMP)	32GB (4x 8GB)	SS	-	-	16-16-16-36	1.2	●	●	
GEIL	GPR416GB2400C15QC	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	

GEIL	DDR48GB2400C16QC	8G	SS	GEIL	1GX8DDR4 HL 1612	16-16-16-36	1.2V	•		
GeIL	GFR416GB2400C16S	16GB	SS	N/A	Heat-Sink Package	16-16-16-36	1.20V	•		
GeIL	GFR432GB2400C16D	16GB	SS	N/A	Heat-Sink Package	16-16-16-36	1.20V	•	•	
GLOWAY	PC4-19200	8G	SS	N/A	M15B302062	15-15-15-35	1.2V	•	•	
GLOWAY	STK4U2400D17081C	8GB	SS	N/A	Heat-Sink Package	17-17-17-39	1.20V	•		
GLOWAY	STK4U2400D17161C	16GB	SS	N/A	Heat-Sink Package	17-17-17-39	1.20V	•	•	
Hyper X	HX424C12PB2K4/16	16GB (4x 4GB)	SS	-	-	12-13-13-35	1.2	•	•	
Hyper X	HX424C12SB2/4(XMP)	4GB	SS	-	-	12-14-14-35	1.35	•	•	
Hyper X	HX424C12SB2/8(XMP)	8GB	DS	-	-	12-14-14-35	1.35	•	•	
Hyper X	HX424C12SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	12-14-14-35	1.35	•	•	
Hyper X	HX424C12SB2K2/16(XMP)	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	12-14-14-35	1.35	•		
Hyper X	HX424C12SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	12-14-14-35	1.35	•	•	
Hyper X	HX424C12SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	12-14-14-35	1.35	•	•	
Hyper X	HX424C12SB2K4/32(XMP)	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	12-14-14-35	1.35	•		
Hyper X	HX424C15B2K4/32(XMP)	32GB (4x 8GB)	SS	-	-	15-15-15-35	1.2	•	•	
Hyper X	HX424C15FB/4	4GB	SS	-	-	15-15-5-35	1.2	•	•	
Hyper X	HX424C15FB/8(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Hyper X	HX424C15FB/8(XMP)	8GB	DS	-	-	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK2/16	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK2/16	32GB (2x 16GB)	DS	-	-	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK2/8	8GB (2x 4GB)	SS	-	-	15-15-5-35	1.2	•		
Hyper X	HX424C15FBK4/16	16GB (4x 4GB)	SS	-	-	15-15-5-35	1.2	•	•	
Hyper X	HX424C15FBK4/16	16GB (4x4GB)	SS	-	-	15-15-15-35	1.2	•	•	
Hyper X	HX424C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK4/32	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	15-15-15-35	1.2	•		
Hyper X	HX424C15FBK4/64	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	
HyperX	HX424C15FB2K4/32	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-15-15-35	1.20V	•	•	
J&A	AD4U24001716-16M	16GB	DS	-	-	17-17-17-39	-	•	•	
J&A	JAD4U24001708-04M	4GB	SS	-	-	17-17-17-39	-	•	•	
J&A	JAD4U24001708-08M	8GB	SS	-	-	17-17-17-39	-	•	•	
KINGMAX	GLLF62F-DAKZIG-CLBU	4GB	SS	KINGMAX	KGDACZ-CU	17-17-17-39	-	•	•	
KINGMAX	GLLF62F-DAKZIG CLBU	4GB	SS	N/A	PS029-D93 TP	17-17-17-39	1.20V	•	•	•
KINGMAX	GLLH22F-18KIIA CFBU2	16GB	DS	N/A	PS023-D93 TP	17-17-17-39	1.20V	•	•	•
KINGSTON	KVR24N17D8/16	16GB	DS	Micron	D9SRJ	17-17-17-39	1.2	•	•	
KINGSTON	KVR24N17D8/8	8GB	DS	Micron	D9TGG	17-17-17-39	1.2	•	•	

KINGSTON	KVR24N17S8/4	4GB	SS	Micron	D9TGG	17-17-17-39	1.2	•	•	
KINGSTON	KVR24N17S8/8	8GB	SS	Micron	D9TBH	17-17-17-39	1.2	•	•	
KINGSTON	KVR24N17S8/8	8GB	SS	-	-	17-17-17-39	1.2	•	•	
KINGSTON	HX424C15FBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35-56	1.2V	•		
KINGSTON	HX424C15FBK4/16	4G	SS	N/A	Heat-Sink Package		1.2V	•	•	
KINGSTON	HX424C12PBK4/32	8G	DS	N/A	Heat-Sink Package		1.35V	•	•	
KINGSTON	HX424C12SB2K4/16	16GB (4GB*4)	SS	N/A	Heat-Sink Package		1.35V	•		
KINGSTON	HX424C12SB2K4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package		1.35V	•	•	
KINGSTON	HX424C15FBK2/16	16GB (8GB*2)	DS	N/A	Heat-Sink Package		1.2V	•	•	
KINGSTON	HX424C15FB/16	16GB	DS	N/A	Heat-Sink Package		1.2V	•		
KINGSTON	HX424C12SB2K2/16	16G	DS	N/A	Heat-Sink Package		1.35V	•		
KINGSTON	KVR24N17D8/8-SP	8G	DS	N/A	Heat-Sink Package		1.2V	•		
KINGSTON	TF24D4U7S8MB-8	8GB	SS	MICON	6SB77D9TBH	17-17-17-39	1.2V	•		
KINGSTON	TF24D4U7S8MBD-4	4GB	SS	MICON	6QB77D9TGG	17-17-17-39	1.2V	•		
KINGSTON	KVR24N17S8/8	8GB	SS	N/A	Heat-Sink Package	17-17-17-39	1.2V	•	•	
Klevv	IM44GU48N24-FFFHAB(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM44GU48N24-FFFHAZ(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM48GU88N24-FFFHMB(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM48GU88N24-FFFHMZ(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM4AGU88N24-FFFHMB(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM4AGU88N24-FFFHMZ(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM4AGU88N24-FFFHMB	16GB	DS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM48GU88N24-FFFHMB	8GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM44GU48N24-FFFHAB	4GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•		
Klevv	KM4B4GX1N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B4GX2N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX1N-2400-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX2N-2400-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z4GX4N-2400-15-15-15-35-1	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX1N-2400-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX2N-2400-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX4N-2400-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX1N-2400-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX2N-2400-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z8GX4N-2400-15-15-15-35-1	8GB	SS	-	-	15-15-15-35	1.2	•	•	

Klevv	KM4B16X1N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X1N-2400-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X2N-2400-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4Z16X4N-2400-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
LEORICE	DDR4/2400MHZ/CL15/1.2V	32GB (8GB*4)	SS	N/A	Heat-Sink Package		1.2V	•	•	
Micron	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	•	•	
Micron	MTA8ATF1G64AZ-2G3B1	8GB	SS	-	-	17-17-17-39	1.2	•	•	•
MICRON	MTA16ATF2G64AZ-2G3B1	16G	DS	MICRON	5WB47D9TBH			•		
MICRON	MTA8ATF1G64AZ-2G3B1	8G	SS	MICRON	5WB47D9TBH	17-17-17-39-55	1.2V	•	•	
MUSHKIN	997199F	8G	DS	N/A	Heat-Sink Package	15-15-15-35-50	1.2V	•	•	
MUSHKIN	997199T	16GB(2*8GB)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
PANRAM	W4U2400PS-8G	8GB	SS	panram	DTCCH912G2	14-14-14-31	-	•	•	
PANRAM	PUD42400C158G4NJW	8G	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•		
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	PSD48G240082	8GB	DS	-	N/A	17-17-17-39	1.2	•		
PATRIOT	PV432G240C5QK(XMP)	32GB (4x 8GB)	SS	-	-	15-15-15-35	1.2	•	•	
PATRIOT	PVE416G240C5KBL(XMP)	16GB (2x 8GB)	SS	-	-	15-15-15-35	-	•		
PATRIOT	PVE48G240C5KRD(XMP)	8GB (2x 4GB)	SS	-	-	15-15-15-35	-	•		
PATRIOT	PX416G240C5QK	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
PATRIOT	PV416G240C5QK	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
PATRIOT	PSD44G240081	4G	SS	PAIROT	PM512M8D4BU-083			•		
PATRIOT	PV48G240C5	8G	DS	N/A	Heat-Sink Package		1.2V	•	•	
PATRIOT	PSD48G240081	8GB	SS	SEC 710	K4A8G08	17-17-17-39	1.20V	•	•	
PATRIOT	PSD44G240081	4GB	SS	SEC 707	K4A4G08	16-16-16-39	1.20V	•	•	
PATRIOT	PV432G240C5QK	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-15-15-35	1.20V	•	•	
PATRIOT	PVE48G240C5KRD	8GB (2x 4GB)	SS	N/A	Heat-Sink Package	15-15-15-35	1.20V	•	•	
PATRIOT	PVE416G240C5KBL	16GB (2x 8GB)	SS	N/A	Heat-Sink Package	15-15-15-35	1.20V	•	•	
PNY	MD16GK2D4240015AB	16GB (8GB*2)	DS	N/A	Heat-Sink Package		1.2V	•	•	
RAMAXEL	RMUA5120MB86H9F-2400	4GB	SS	MICON	6RB77D9TBK	17-17-17-39	1.2V	•		
SAMSUNG	M378A5244CB0--CRC	16GB(4*4GB)	SS	SEC 704	K4A8G16 5WC BCRC	17-17-17-39	1.20V	•		
SAMSUNG	M378A2K43CB1-CRC	16GB	DS	SEC 719	K4A8G08	17-17-17-39	1.20V	•	•	
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	-	●	●	
SK Hynix	HMA82GU6AFR8N-UH	16GB	DS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	●	●	
TEAM	TCD44G2400C14BK(XMP)	4GB	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TCD48G2400C14BK(XMP)	8GB	SS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TED416G2400C16BK	16GB	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TED48G2400C16BK	8GB	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TFRD44G2400C15ABK(XMP)	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TFRD48G2400C15ABK(XMP)	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TFWD416G2400C15BBK(XMP)	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTRD48G2400HC15ABK	8GB	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
TEAM	TDRED48G2400HC14BK	8GB	DS	N/A	Heat-Sink Package	14-16-16-31	1.2V	●		
TEAM	TCD44G2400C14BK	4GB	SS	Skhymix	H5AN4G8NAFR	14-16-16-31	1.2V	●	●	
TEAM	TCD48G2400C14BK	8G	SS	TEAM	T4D10248MT-24	14-16-16-31	1.2V	●	●	
TEAM	TFWD416G2400C15BBK	16G	DS	TEAM	PP020-093E TP	15-17-17-35	1.2V	●	●	
TEAM	TFRD44G2400C15ABK	4G	SS	TEAM	T4D5128HT-24	15-15-15-35	1.2V	●	●	
TEAM	TLRED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TLGD416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TDRED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TDGED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TLRED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TLGD48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TDRED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TDGED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBNAFRFTFC	14-16-16-31	1.2	●		
TEAM	TLRED432G2400HC14QC01	32GB(8GB*4)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TLGD432G2400HC14QC01	32GB(8GB*4)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TDRED432G2400HC14QC01	32GB(8GB*4)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TDGED432G2400HC14QC01	32GB(8GB*4)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TLRED416G2400HC14DC01	16GB(8GB*2)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TLGD416G2400HC14DC01	16GB(8GB*2)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TDRED416G2400HC14DC01	16GB(8GB*2)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TDGED416G2400HC14DC01	16GB(8GB*2)	DS	Team	T4D1024BMT-24	14-16-16-31	1.2	●		
TEAM	TED464G2400C16QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD464G2400HC16QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TPD464G2400HC16QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TED432G2400C16DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD432G2400HC16DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	

TEAM	TPD432G2400HC16DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TED416G2400C1601	16GB	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD416G2400HC1601	16GB	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TPD416G2400HC1601	16GB	DS	Team	T4D10248MT-24	16-16-16-39	1.2	●	●	
TEAM	TED432G2400C16QC01	32GB(8GB*4)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD432G2400HC16QC01	32GB(8GB*4)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPD432G2400HC16QC01	32GB(8GB*4)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TED416G2400C16DC01	16GB(8GB*2)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD416G2400HC16DC01	16GB(8GB*2)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPD416G2400HC16DC01	16GB(8GB*2)	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TED48G2400C1601	8GB	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPRD48G2400HC1601	8GB	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TPD48G2400HC1601	8GB	DS	Team	T4D5128HT-24	16-16-16-39	1.2	●	●	
TEAM	TDTRD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTWD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTBD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	●	●	
TEAM	TDTRD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTWD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTBD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTRD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTWD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	

TEAM	TDTBD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTRD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTWD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TEAM	TDTBD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	●	●	
TIGO	TMKU8GF28-2400U	8G	DS	N/A	Heat-Sink Package		1.2V	●	●	
V-COLOR	TC48G24S817-IMS	8GB	SS	-	-	17-17-17-39	1.2	●	●	
V-COLOR	TD4G8C17-UH	4GB	SS	V-color	DW3J0460HM	15-15-15-36	1.2	●	●	
V-COLOR	TD8G16C17-UH	8GB	DS	V-color	A4G8H-24CS	17-17-17-39	1.2	●	●	
V-COLOR	TD8G16C16-UHK	16GB (8GB*2)	DS	N/A	Heat-Sink Package	16-16-16-35	1.2V	●	●	
V-COLOR	8GTC48G24S817-IMS	32GB (8GB*4)	SS	V-COLOR	N/A		1.2V	●	●	
V-COLOR	TC48G24S817	8GB	SS	V-COLOR	TMC9486G2	17-17-17-39	1.2V	●	●	
Ramsta	R2DD4N04G2400	4G	SS	Micron	8	16-16-16-39	1.20V	●	●	●
Ramsta	R2DD4N16G2400	16G	SS	Micron	16	17-17-17-39	1.20V	●	●	
Ramsta	R2DD4N08G2400	8GB	DS	Micron	8	17-17-17-39	1.20V	●	●	●
DDR4 2133 Qualified Vendors List (QVL)										
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
ADATA	AD4U2133W8G15-B	128GB(16x 8G)	DS	SK HYNIX	H5AN4G8NAFR			●	●	
ANUCCELL	GRPIF1621033818594	8GB	DS	ANUCCELL	P4P4GF3BLF-GMT	16-16-16-35	1.2V	●	●	
APACER	78.C1GM3.AF10B	8G	DS	SK HYNIX	H5AN4G8NMFR	16-16-16-36	1.2V	●	●	
APACER	AHU08GGB13CGT7G	8G	DS	N/A	Heat-Sink Package			●		
APACER	AU08GGB13CDBTGC	8G	DS	APACER	AM6F6008THSA11550F			●		
APACER	78.B1GM3.AF00B	16GB (4x 4GB)	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	
APACER	78.C1GM3.AF10B	32GB (4x 8GB)	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	
APACER	AHU08GGB13CGT7G(EK.08G2R.KDC)	32GB (4x 8GB)	DS	Apacer	AM6F60080THMA1	15-15-15-36	1.2	●		
APACER	AHU08GGB13CGU7G(EK.08G2R.GDC)	8GB	SS	Apacer	-	15-15-15-36	1.2	●	●	
APACER	AU08GGB13CDYBGC(EL.08G2R.GDM)	8GB		Apacer	-	15-15-15-36	1.2	●	●	
ASINT	SLB404G08-CCN2B 1615	8G	DS	SK HYNIX	H5AN4G8NMFR			●	●	
AVANT	AVW6451U67J5213N3-SAEP	4GB	SS	SEC 549	K4A4G08	15--15-15-36	1.20V	●	●	
AVANT	AVW641GU67J5213N2-SAEP	8GB	DS	SEC 549	K4A4G08	15--15-15-36	1.20V	●	●	
AVANT	AVW642GU42J5213N2-SAEP	16GB	DS	SEC 549	K4A8G08	15--15-15-36	1.20V	●		
AVEXIR	AVD4U21331508G-1C0B	8G	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	●	●	
CENTURY	PC4-17000	8G	DS	SK HYNIX	H5AN4G8NMFR	15-15-15-36	1.2V	●	●	
CENTURY MICRO INC	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	-	●	●	
CENTURY MICRO INC	CK8GX4-D4U2133	32GB (4x 8GB)	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-35	1.2	●	●	

CORSAIR	CMK16GX4M4A2133C15(Ver4.23)	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
CORSAIR	CMV4GX4M1A2133C15	4G	SS	N/A	4GA72Z9RGR	15-15-15-36	1.2V	•		
CORSAIR	CMD16GX4M4B2133C10(Ver3.20)(XMP)	16GB (4x 4GB)	SS	-	-	10-12-12-31	1.35	•	•	
CORSAIR	CMD16GX4M4B2133C10(Ver3.20)(XMP)	16GB (4x 4GB)	SS	-	-	10-12-12-31	1.35	•		
CORSAIR	CMK16GX4M4A2133C13(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	13-15-15-28	1.2	•	•	
CORSAIR	CMK32GX4M2A2133C13(Ver4.31)(XMP)	32GB (2x 16GB)	DS	-	-	13-15-15-28	1.2	•		
CORSAIR	CMK32GX4M4A2133C13(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	13-15-15-28	1.2	•	•	
CORSAIR	CMK32GX4M4A2133C15(Ver3.20)	32GB (4x 8GB)	DS	-	-	15-15-15-36	1.2	•	•	
CORSAIR	CMK32GX4M4A2133C15(Ver5.29)	32GB (4x 8GB)	DS	-	-	15-15-15-36	1.2	•	•	
CORSAIR	CMK64GX4M8A2133C13(Ver3.20)(XMP)	64GB (8x 8GB)	DS	-	-	13-15-15-28	1.2	•	•	
CORSAIR	CMK64GX4M8A2133C13(Ver4.23)(XMP)	64GB (8x 8GB)	DS	-	-	13-15-15-28	1.2	•	•	
CORSAIR	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	1.2	•	•	
CORSAIR	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	-	•		
CORSAIR	CMV4GX4M1A2133C15	4GB	SS	-	-	15-15-15-36	1.2	•	•	
CORSAIR	CMV8GX4M1A2133C15	8GB	DS	-	-	15-15-15-36	1.2	•	•	
CRUCIAL	CMV4GX4M1A2133C15	4G	SS	MICRON	4QA77D9RCQ	15-15-15-36	1.2V	•	•	
CRUCIAL	CT8G4DFD8213.16FA11	32GB (8GB*4)	DS	MICRO	5CA77D9RGQ		1.2V	•		
CRUCIAL	CT16G4DFD8213.C16FAD1	16G	DS	MICON	6NA47C9BGD		1.2V	•		
CRUCIAL	CT8G4DFD8213.C16FDR2	8G	DS	MICON	6UD75C9BHB		1.2V	•	•	
CRUCIAL	CT4G4DFS8213.C8FBD2	4G	SS	MICON	6SB45C9BHC		1.2V	•	•	
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	-	-	15-15-15-36	1.2	•	•	•
CRUCIAL	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	•	•	
CRUCIAL	CT8G4DFS8213.8FB1	8GB	SS	-	-	15-15-15-36	1.2	•	•	
G.SKILL	F4-2133C15Q-32GRK	32GB (8GB*4)	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2133C15Q-16GRB	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2133C15S-4GNT	4G	SS	G.SKILL	D4 512M8GE15	15-15-15-35	1.2V	•		
G.SKILL	F4-2133C15S-8GNT	8G	DS	G.SKILL	D4 512M8GE15	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2133C15Q-64GFX	64GB(4*16GB)	DS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
G.SKILL	F4-2133C15Q-32GFX	32GB (4x 8GB)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
G.SKILL	F4-2133C15S-8GDB	8GB	SS	G.SKILL	D4 1GM8GDDP	15-15-15-35	1.35V	•	•	
G.SKILL	F4-2133C15Q-16GRR	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GVR	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GVB	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GVG	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	

G.SKILL	F4-2133C15Q-16GVK	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GVS	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GRK	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-16GRB	16GB (4x 4GB)	SS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q2-128GVK	128GB (8x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	•
G.SKILL	F4-2133C15Q2-128GVR	128GB (8x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q2-64GRR	64GB (8x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	•
G.SKILL	F4-2133C15Q2-64GRB	64GB (8x 8GB)	DS			15-15-15-35	1.2	•	•	•
G.SKILL	F4-2133C15Q-32GRR	32GB (4x 8GB)	DS	-	-	15-15-15-35	-	•	•	
G.SKILL	F4-2133C15Q-32GVR	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GVB	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GVG	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GVK	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GVS	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GRK	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
G.SKILL	F4-2133C15Q-32GRB	32GB (4x 8GB)	DS			15-15-15-35	1.2	•	•	
GALAXY	GAM4DBLBM2133D15IE041C	4G	DS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•		
GALAXY	GAM4DBLBM213315IE081C	8G	DS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•		
GALAXY	GAL4AXLBM213315IE081C	8GB	SS	GALAXY	GA4L1GM88BA093H	15-15-15-35	1.2V	•		
GEIL	GPR48GB2133C15DC	8GB (4GB*2)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
GEIL	GPR432GB2133C15QC	8G	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
GeIL	GPR416GB2133C15QC	16GB (4x 4GB)	SS	-	-	15-15-15-36	1.2	•	•	
GeIL	GPR432GB2133C15QC	32GB (4x 8GB)	SS	-	-	15-15-15-36	1.2	•	•	
GLOWAY	PC4-17000	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
GLOWAY	STK4U2133D15041C/ PC4-17000	4G	SS	N/A	Heat-Sink Package	15-15-15-35	1.2V	•	•	
Hyper X	HX421C13SB/4(XMP)	4GB	SS	-	-	13-13-13-36	1.2	•	•	
Hyper X	HX421C13SB/8(XMP)	8GB	DS	-	-	13-13-13-36	1.2	•	•	
Hyper X	HX421C13SBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	13-13-13-36	1.2	•		
Hyper X	HX421C13SBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	13-13-13-36	1.2	•		
Hyper X	HX421C13SBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	13-13-13-36	1.2	•	•	
Hyper X	HX421C13SBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	13-13-13-36	1.2	•	•	
Hyper X	HX421C14FB/4	4GB	SS	-	-	14-14-14-35	1.2	•	•	
Hyper X	HX421C14FB/8	8GB	DS	-	-	14-14-14-35	1.2	•	•	
Hyper X	HX421C14FB2K4/32(XMP)	32GB (4x 8GB)	SS	-	-	14-14-14-35	1.2	•	•	
Hyper X	HX421C14FBK2/16	16GB (2x 8GB)	DS	-	-	14-14-14-35	1.2	•		
Hyper X	HX421C14FBK2/8	8GB (2x 4GB)	SS	-	-	14-14-14-35	1.2	•	•	

Hyper X	HX421C14FBK4/16	16GB (4x 4GB)	SS	-	-	14-14-14-35	1.2	•	•	
Hyper X	HX421C14FBK4/32	32GB (4x 8GB)	DS	-	-	14-14-14-35	1.2	•	•	
Hyper X	HX421C14FBK4/64	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	•	•	
Hyper X	HX421C14FBK8/64	64GB (8x 8GB)	DS	-	-	14-14-14-35	1.2	•	•	
KINGSTON	HX421C13PBK4/16	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
KINGSTON	HX421C14FB/8	8G	DS	N/A	Heat-Sink Package	14-14-14-35	1.2V	•		
KINGSTON	HX421C13SBK4/16	16GB (4GB*4)	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•	•	
KINGSTON	HX421C14FBK4/32	32GB (8GB*4)	DS	N/A	Heat-Sink Package	14-14-14-35	1.2V	•	•	
KINGSTON	KVR21N15S8/4	4G	SS	SK HYNIX	H5AN4G8NMFR	15-15-15-36	1.2V	•		
KINGSTON	KVR21E15S8/4	4GB	SS	SK HYNIX	H5AN4G8NAFR		1.2V	•		
KINGSTON	HX421C14FB2/8	8G	SS	N/A	Heat-Sink Package		1.2V	•		
KINGSTON	HX421C14FBK2/8	8GB (4GB*2)	SS	N/A	Heat-Sink Package		1.2V	•	•	
KINGSTON	HX421C14FB/4	4G	SS	N/A	Heat-Sink Package		1.2V	•		
KINGSTON	KVR21N15D8/8	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	•	•	
KINGSTON	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•	
KINGSTON	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-36	1.2	•	•	
KINGSTON	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	•	•	
KINGSTON	KVR21N15D8/16	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•	
KINGSTON	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	•	•	
Klevv	IM48GU88N21-FFFHMB	8GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM44GU48N21-FFFHAB	4GB	SS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM4AGU88N21-FFFHMB	16GB	DS	N/A	Heat-Sink Package	15-15-15	1.2V	•	•	
Klevv	IM44GU48N21-FFFHAB(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B4GX1N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B4GX2N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM48GU88N21-FFFHMB(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX1N-2133-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX2N-2133-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B8GX4N-2133-15-15-15-35-0	8GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	IM4AGU88N21-FFFHMB(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B16X1N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4B16X4N-2133-15-15-15-35-0	16GB	DS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4C4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•	
Klevv	KM4C4GX4N-2133-15-15-15-35-1	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	•	•	

Klevv	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	-	-	15-15-15-35	1.2	•	•	•
Klevv	KM4C8GX4N-2133-15-15-15-35-1	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	•	•	
Micron	MTA8ATF1G64AZ-2G1B1	8GB	SS	-	-	15-15-15-36	1.2	•	•	
Micron	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	•	•	
Micron	MTA16ATF1G64AZ-2G1A1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	•	•	
Micron	MTA16ATF2G64AZ-2G1B1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•	
PANRAM	PUD42133C138G4NJW	32GB (8GB*4)	DS	N/A	Heat-Sink Package	13-13-13-35	1.2V	•		
PANRAM	PUD42133C134G4NJW	16GB (4GB*4)	SS	N/A	Heat-Sink Package	13-13-13-35	1.2V	•	•	
panram	W4U2133PS-8G	8GB	SS	panram	DTCCH872HA2	16-16-16-36	-	•	•	•
PATRIOT	PSD44G213381	4G	SS	PAIROT	1621JB5454512X8DDR4			•		
PATRIOT	PSD48G21332	8G	DS	PAIROT	PM512M8D4BU-083			•		
PATRIOT	PVE48G213C4GY	8G	SS	N/A	Heat-Sink Package		1.2V	•		
SAMSUNG	M378A5143DB0--CPB	4G	SS	SEC 428 BCPB	K4A4G085WD	15-15-15-36	1.2V	•	•	
SAMSUNG	M378A1G43DB0--CPB	8G	DS	SEC 428 BCPB	K4A4G085WD	15-15-15-36	1.2V	•	•	
SAMSUNG	M378A1K43BB1-CPB	8G	SS	SEC 610	K4A8G085WBBCPB			•		
SAMSUNG	M378A5143EB1-CPB	4GB	SS	SEC 637	E8GZ250WP	15-15-15-36	1.2V	•	•	
SAMSUNG	M378A5143EB1-CPB	4GB	SS	SEC 607	E8K4089YC	15-15-15-36	1.2V	•		
SAMSUNG	M378A2K43BB1CPB	16G	DS	SEC510	K4A8G085WBBCPB		1.2V	•	•	
SanMax	SMD-4G28HP-21P	4GB	SS	SK Hynix	H5AN4G8NMFRFTFC	15-15-15-37	-	•	•	
SanMax	SMD-8G28HP-21P	8GB	DS	SK Hynix	H5AN4G8NMFRFTFC	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	HMA451U6AFR8N-TF	16GB(4*4GB)	SS	SK HYNIX	H5AN4G8NAFR	15-15-15-36	1.2V	•		
SK Hynix	HMA41GU7AFR8N-TF	8GB	DS	SK Hynix	H5AN4G8NAFRFTFC	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	H5AN8G8NMFRFTFC	15-15-15-36	-	•	•	
SK Hynix	HMA82GU7MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8NMFR	15-15-15-36	-	•	•	
SK Hynix	HMA41GU6MFR8N-TF	8GB	DS	SK Hynix	H5AN4G8NMFRFTFC	15-15-15-37	1.2	•	•	
SUPER TALENT	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	•	•	
TEAM	TED48GM2133C15BK	8G	DS	SK HYNIX	H5AN4G8NMFR	15-15-15-36	1.2V	•	•	
TEAM	TPAD44G2133HC15BK	4G	SS	N/A	Heat-Sink Package	15-15-15-36	1.2V	•		
TEAM	TED416G2133C15BK	16G	DS	TEAM	T4D10248MT-21	15-15-15-36	1.2V	•		
TEAM	TED48G2133C15BK	8GB	SS	TEAM	T4D10248KT-21	15-15-15-36	1.2V	•		
TEAM	TED416G2133C15BK	16GB	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TED464G2133C15QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	

TEAM	TPRD464G2133HC15QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TPD464G2133HC15QC01	64GB(16GB*4)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TED432G2133C15DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TPRD432G2133HC15DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TPD432G2133HC15DC01	32GB(16GB*2)	DS	Team	T4D10248MT-24	15-15-15-36	1.2	•	•	
TEAM	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TED48GM2133C15BK	8GB	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TED432G2133C15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TPRD432G2133HC15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TPD432G2133HC15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TED416G2133C15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TPRD416G2133HC15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEAM	TPD416G2133HC15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8NMFRFC	15-15-15-36	1.2	•	•	
TEKISM	T4U2133B8G15-SAD	8G	DS	SEC 446 BCPB	K4A4G085WD	15-15-15-36	1.2V	•	•	
TIGO	TMKU8GF58-2133P	8G	DS	N/A	PPE08-093TP		1.2V	•	•	
TIGO	TMKU8G868-2133P	8GB	SS		PP020-093E TP	15-15-15-36	1.2V	•		
UMAX	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	•	•	•
UMAX	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	•	•	
V-COLOR	TC48G21S818-IMS	32GB(8GB*4)	SS	V-COLOR	N/A		1.2V	•		
V-COLOR	TC48G21S815	8GB	SS	V-COLOR	TMCB134HA3	15-15-15-36	1.2V	•	•	
V-COLOR	TC48G21S815-iMS	8GB	SS	V-COLOR	E0510	15-15-15-36	1.2V	•	•	
V-COLOR	TC48G21S815-IMS	8GB	SS	-	-	15-15-15-36	1.2	•	•	
Xiede	1.2V-PC4-17000-1620	4GB	SS	MICON	6GA77D9RGQ	15-15-15-36	1.2V	•	•	
Xiede	1.2V-PC4-17000-1620	8GB	DS	SK HYNIX	H5AN4G8NMFR	15-15-15-36	1.2V	•		
Ramsta	R2DD4N04G2133	4G	SS	Micron	8	15-15-15-35	1.20V	•	•	
Ramsta	R2DD4N08G2133	8GB	SS	Micron	8	15-15-15-36	1.20V	•	•	•

8 DIMM Slots

For each DRAM channel (A,B,C,D), make sure to install the DRAM module to dark gray slot first.

- 1 DIMM: Supports one (1) module inserted into any dark gray slot as Single-channel memory configuration. Install the module into the C1 slot for better compatibility.
- 2 DIMMs: Supports two (2) modules inserted into one pair of dark gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A1 and C1 for better compatibility.
- 4 DIMMs: Supports four (4) modules inserted into four dark gray slots as two pairs of Quad-channel memory configuration. Install the modules into slots A1/B1/C1/D1 for better compatibility.
- 6 DIMMs: Supports six (6) modules inserted into four dark gray slots and one pair of black slots as three pairs of Quad-channel memory configurations. Install the modules into slots A1/A2/B1/C1/C2/D1 for better compatibility.

- 8 DIMMs: Supports eight (8) modules inserted into all the slots as fully-loaded Quad-channel memory configurations.