PRIME Z270-A & PRIME Z270-AR

DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
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)	8GB	DS	Apacer	-	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	●	●	●
AVEXIR	AVD4U21331504G-1BW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COR	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COB	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COY	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COG	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1COO	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-1CWW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COR	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COB	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COY	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COG	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2COO	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-2CWW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COR	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COB	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COW	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COY	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COG	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4COO	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ121331504G-4CWW	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.2	●	●	●
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	CMD16GX4M4B2133C10(Ver3.20)	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	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	CT16G4DFD8213.16FB1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	●	●	●
Crucial	CT4G4DFS8213.8FA1	4GB	SS	Micron	D9RGQ	15-15-15-37	1.2	●	●	●
Crucial	CT4G4DFS8213.8FA2	4GB	SS	Micron	D9RGQ	15-15-15-36	1.2	●	●	●
Crucial	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	●	●	●
Crucial	CT8G4DFD8213.16FA2	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	●	●	●
Crucial	CT8G4DFD8213.C16FAR11	8GB	DS	Micron	C9BDH	15-15-15-36	1.2	●	●	●
Crucial	CT8G4DFS8213.8FB1	8GB	SS	-	-	15-15-15-36	1.2	●	●	●
Foxteonn	FEU4GN51208JC2133F	4GB	SS	Nanya	NT5AD512M8B1-FM	15-15-15-36	-	●	●	●
G.SKILL	F4-2133C15Q-16GRR	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●	●	●
G.SKILL	F4-2133C15Q2-128GVK	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	F4-2133C15Q-32GRR	32GB (4x 8GB)	DS	-	-	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	F4-2133C15Q2-128GVR	128GB (8x 16GB)	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-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	●	●	●
GelL	GPR416GB2133C15QC	16GB (4x 4GB)	SS	-	-	15-15-15-36	1.2	●	●	●
HyperX	HX421C13SB/4(XMP)	4GB	SS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C13SB/8(XMP)	8GB	DS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C13SBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C13SBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C13SBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C13SBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	13-13-13-36	1.2	●	●	●
HyperX	HX421C14FB/4(XMP)	4GB	SS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FB/8(XMP)	8GB	DS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FB2K4/32(XMP)	32GB (4x 8GB)	SS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	14-14-14-35	1.2	●	●	●
HyperX	HX421C14FBK4/64	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX421C14FBK8/64(XMP)	64GB (8x 8GB)	DS	-	-	14-14-14-35	1.2	●	●	●
Kingston	KVR21N15D8/16	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	●	●	●
Kingston	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	●	●	●
Kingston	KVR21N15D8/8	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	●	●	●
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFR	15-15-15-36	1.2	●	●	●
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NAFRTFC	15-15-15-36	1.2	●	●	●
Kingston	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-37	1.2	●	●	●
Klevv	KM4C4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	●	●	●
Klevv	KM4C4GX4N-2133-15-15-15-35-1	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●	●	●
Klevv	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	-	-	15-15-15-35	1.2	●	●	●
Klevv	KM4C8GX4N-2133-15-15-15-35-1	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	●
Micron	MTA16ATF1G64AZ-2G1A2	8GB	DS	Micron	D9RG0	15-15-15-36	-	●	●	●
Micron	MTA16ATF2G64AZ-2G1B1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	●	●	●
Micron	MTA8ATF1G64AZ-2G1B1	8GB	SS	-	-	15-15-15-36	1.2	●	●	●
Micron	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	●	●	●

Samsung	M378A5143DB0-CPB	4GB	SS	Samsung	K4A4G085WD	15-15-15-36	1.2	●	●	●
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	-	●	●	●
SUPER TALENT	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	●	●	●
Team	T4D4C10S61163	8GB	DS	Samsung	K4A4G085WD	15-15-15-36	1.2	●	●	●
Team	TED416G2133C15BK	16GB	DS	Team	T4D10248MT-24	15-15-15-36	1.2	●	●	●
Team	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	●
Team	TED48GM2133C15BK	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-36	1.2	●	●	●
Transcend	TS1GLH64V1H	8GB	DS	Samsung	K4A4G085WE	15-15-15-36	-	●	●	●
Transcend	TS2GLH64V1B	16GB	DS	Samsung	K4A8G085WB	15-15-15-36	-	●	●	●
Transcend	TS512MLH64V1H	4GB	SS	Samsung	K4A4G085WE	15-15-15-36	-	●	●	●
UMAX	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	●	●	●
UMAX	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	●	●	●
V-color	TC48G21S815-IMS	8GB	SS	-	-	15-15-15-36	1.2	●	●	●

DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
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-SBF(XMP)	16GB	DS	-	-	16-16-16-36	1.2	●	●	●
ADATA	AX4U2400W8G16-BRZ(XMP)	8GB	DS	-	-	16-16-16-39	1.2	●	●	●
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	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	●	●	
AVEXIR	AVD4UZ124001604G-4COR(XMP)	16GB (4x 4GB)	DS	-	-	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COR	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4U24001604G-1BW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COR	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COB	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COY	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COG	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1COO	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-1CWW	4GB (1x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COR	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COB	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COY	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COG	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2COO	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-2CWW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COR	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COB	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COW	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COY	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COG	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4COO	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001604G-4CWW	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4U24001608G-1BW	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COR	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COB	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COW	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COY	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COG	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1COO	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-1CWW	8GB (1x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COR	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COB	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COW	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COY	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COG	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2COO	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-2CWW	16GB (2x8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COR	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COB	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COW	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COY	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COG	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4COO	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
AVEXIR	AVD4UZ124001608G-4CWW	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-16-16-36	1.2	●	●	●
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	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	●	●	●
Crucial	BLS4G4D240FSA.8FAD	4GB	SS	-	-	16-16-16-40	1.2	●	●	●
crucial	BLS4G4D240FSA.8FAR(XMP)	4GB	SS	-	-	16-16-16-40	1.2	●	●	●
Crucial	BLS8G4D240FSA.16FAD	32GB (4x 8GB)	DS	-	-	16-16-16-40	1.2	●	●	●
Crucial	BLS8G4D240FSA.16FADG(XMP)	16GB (2x 8GB)	DS	-	-	16-16-16-39	1.2	●	●	
crucial	BLS8G4D240FSA.16FAR(XMP)	8GB	DS	-	-	16-16-16-40	1.2	●	●	●
Crucial	CT16G4DFD824A.16FB1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●	●	●
Crucial	CT8G4DFS824A.8FB1	8GB	SS	-	-	17-17-17-39	1.2	●	●	●
Foxteonn	FEU8GN51208KC2400H	8GB	DS	Nanya	NT5AD512M8B1-FM	17-17-17-39	-	●	●	●
G.SKILL	F4-2400C14Q2-128GRK(XMP)	128GB (8x 16GB)	DS	-	-	14-14-14-34	1.2	●	●	●
G.SKILL	F4-2400C14Q2-128GRK(XMP)	128GB (8x 16GB)	DS	-	-	14-14-14-34	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-16GRR	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q2-128GVR	128GB (8x 16GB)	DS			15-15-15-35	1.2	●	●	●
G.SKILL	F4-2400C15Q2-128GVK	128GB (8x 16GB)	DS			15-15-15-35	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	F4-2400C15Q2-64GRK(XMP)	64GB (8x 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	F4-2400C15Q-32GRR	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	●
GelL	GLR464GB2400C14QC(XMP)	64GB (4x 16GB)	DS	-	-	14-14-14-35	1.2	●	●	●
GelL	GPR416GB2400C15QC(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.2	●	●	●
GelL	GPR432GB2400C15QC(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C12SB2/4(XMP)	4GB	SS	-	-	12-14-14-35	1.35	●	●	●
HyperX	HX424C12SB2/8(XMP)	8GB	DS	-	-	12-14-14-35	1.35	●	●	●
HyperX	HX424C12SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	12-14-14-35	1.35	●	●	●
HyperX	HX424C12SB2K2/16(XMP)	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	12-14-14-35	1.35	●	●	
HyperX	HX424C12SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	12-14-14-35	1.35	●	●	●
HyperX	HX424C12SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	12-14-14-35	1.35	●	●	●
HyperX	HX424C12SB2K4/32(XMP)	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	12-14-14-35	1.35	●	●	
HyperX	HX424C15B2K4/32(XMP)	32GB (4x 8GB)	SS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FB/4(XMP)	4GB	SS	-	-	15-15-5-35	1.2	●	●	●
HyperX	HX424C15FB/8(XMP)	8GB	SS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FB/8(XMP)	8GB	DS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FBK2/16	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	15-15-15-35	1.2	●	●	
HyperX	HX424C15FBK2/16(XMP)	32GB (2x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-15-5-35	1.2	●	●	●
HyperX	HX424C15FBK4/16	16GB (4x4GB)	SS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-15-5-35	1.2	●	●	●
HyperX	HX424C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	
HyperX	HX424C15FBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.2	●	●	●
HyperX	HX424C15FBK4/64(XMP)	64GB (4x 16GB)	DS	-	-	15-15-15-35	1.2	●	●	●
Kingston	KVR24N17D8/16	16GB	DS	Micron	D9SRJ	17-17-17-39	1.2	●	●	●
Kingston	KVR24N17D8/8	8GB	DS	Micron	D9TGG	17-17-17-39	1.2	●	●	●
Kingston	KVR24N17S8/4	4GB	SS	Micron	D9TGG	17-17-17-39	1.2	●	●	●
Micron	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●	●	●
Micron	MTA8ATF1G64AZ-2G3B1	8GB	SS	-	-	17-17-17-39	1.2	●	●	●
SK Hynix	HMA81GU6AFR8N-UH	8GB	SS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	●	●	●
SK Hynix	HMA82GU6AFR8N-UH	16GB	DS	SK Hynix	H5AN8GBNAFRUHC	17-17-17-39	-	●	●	●
SK Hynix	HMA851U6AFR6N-UH	4GB	SS	SK Hynix	H5AN8G6NAFRUHC	17-17-17-39	-	●	●	●
Team	TCD44G2400C14BK(XMP)	4GB	SS	SK Hynix	H5AN4GBNAFRTFC	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	●	●	●
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	●	●	●

DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
AVEXIR	AVD4UZ126661516G-2IPROG(XMP)	32GB (2x16GB)	DS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661516G-2RDROG(XMP)	32GB (2x16GB)	DS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661516G-4IPROG(XMP)	64GB (4x16GB)	DS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661516G-4RDROG(XMP)	64GB (4x16GB)	DS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-2IPROG(XMP)	8GB (2x4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-2RDROG(XMP)	8GB (2x4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-4IPROG(XMP)	16GB (4x 4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-4RDROG(XMP)	16GB (4x 4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-2IPROG(XMP)	16GB (2x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-2RDROG(XMP)	16GB (2x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-4IPROG(XMP)	32B (4x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-4RDROG(XMP)	32B (4x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-2RD(XMP)	8GB (2x4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-2RDGT(XMP)	8GB (2x4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-4RD(XMP)	16GB (4x 4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661504G-4RDGT(XMP)	16GB (4x 4GB)	DS	Samsung	512X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-2RD(XMP)	16GB (2x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-2RDGT(XMP)	16GB (2x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-4RD(XMP)	32B (4x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
AVEXIR	AVD4UZ126661508G-4RDGT(XMP)	32B (4x8GB)	SS	Samsung	1024X8DDR4	15-15-15-35	1.2	●	●	●
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)	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	CMK16GX4M2A2666C16(Ver5.29)(XMP)	16GB (2x 8GB)	DS	-	-	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(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(Ver5.29)(XMP)	32GB (4x 8GB)	DS	-	-	16-16-18-35	1.2	●	●	●
CORSAIR	CMK32GX4M4A2666C16R(Ver4.23)(XMP)	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2	●	●	●
CORSAIR	CMK64GX4M4A2666C16(Ver4.31)(XMP)	64GB (4x 16GB)	DS	-	-	16-18-18-35	1.2	●	●	●
Crucial	BLE4G4D26AFEA.8FAD (XMP)	4GB	SS	-	-	16-17-17-36	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(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	F4-2666C16Q2-128GVR	128GB (8x 16GB)	DS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2666C16Q2-128GVK(XMP)	128GB (8x 16GB)	DS	-	-	16-16-16-36	1.2	●	●	●
HyperX	HX426C13SB2/4(XMP)	4GB	SS	-	-	13-15-15-39	1.35	●	●	●
HyperX	HX426C13SB2/8(XMP)	8GB	DS	-	-	13-15-15-39	1.35	●	●	
HyperX	HX426C13SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	13-15-15-39	1.35	●	●	
HyperX	HX426C13SB2K2/16(XMP)	16GB (2x 8GB)	DS	Nanya	NT5AD512M8B1-GN	13-15-15-39	1.35	●	●	
HyperX	HX426C13SB2K2/8(XMP)	8GB (2x 4GB)	SS	-	-	13-15-15-39	1.35	●	●	●
HyperX	HX426C13SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	13-15-15-39	1.35	●	●	●
HyperX	HX426C13SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	13-15-15-39	1.35	●	●	
HyperX	HX426C13SB2K4/32(XMP)	32GB (4x 8GB)	DS	Nanya	NT5AD512M8B1-GN	13-15-15-39	1.35	●	●	
HyperX	HX426C15FB/4(XMP)	4GB	SS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FB/8	8GB	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FB/8(XMP)	8GB	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK2/16	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	15-15-17-35	1.2	●	●	●
HyperX	HX426C15FBK2/16(XMP)	16GB (2x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-15-17-35	1.2	●	●	●
HyperX	HX426C15FBK4/32	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15FBK4/32(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-35	1.2	●	●	●
HyperX	HX426C15SBK4/64(XMP)	64GB (4x 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	●	●	●
Team	TCD48G2666C15ABK(XMP)	8GB	SS	Team	T4D10248HT-266	15-15-15-36	1.2	●	●	

DDR4 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
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-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	AVD4UZ128001504G-2BZ1RR	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-2BZ1GY	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-2BZ1SW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-4BZ1RR	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-4BZ1GY	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-4BZ1SW	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-2RD	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-2RDGT	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-4RD	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4UZ128001504G-4RDGT	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
CORSAIR	CMD16GX4M4A2800C16(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	16-18-18-36	1.2	●	●	●
CORSAIR	CMD16GX4M4A2800C16(Ver5.29)	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(Ver4.23)(XMP)	16GB (4x 4GB)	SS	-	-	16-16-18-36	1.2	●	●	●
CORSAIR	CMK16GX4M4A2800C16(Ver5.29)	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	●	●	●
G.SKILL	F4-2800C14Q-64GVG	64GB (4x 16GB)	DS			14-14-14-35	1.35	●	●	●
G.SKILL	F4-2800C14Q-64GVS	64GB (4x 16GB)	DS			14-14-14-35	1.35	●	●	●
G.SKILL	F4-2800C14Q-64GVB	64GB (4x 16GB)	DS			14-14-14-35	1.35	●	●	●
G.SKILL	F4-2800C14Q-64GVR	64GB (4x 16GB)	DS			14-14-14-35	1.35	●	●	●
G.SKILL	F4-2800C14Q-64GVK(XMP)	64GB (4x 16GB)	DS	-	-	14-14-14-35	1.35	●	●	●
G.SKILL	F4-2800C15Q2-128GRKD(XMP)	128GB (8x 16GB)	DS	-	-	15-15-15-35	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-16GVR	16GB (4x 4GB)	SS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GVB	16GB (4x 4GB)	SS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GVK	16GB (4x 4GB)	SS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GVG	16GB (4x 4GB)	SS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GVS	16GB (4x 4GB)	SS			16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GRK(XMP)	16GB (4x 4GB)	SS	-	-	16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	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	●	●	●
G.SKILL	F4-2800C16Q-32GRK(XMP)	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.2	●	●	●
G.SKILL	F4-2800C16Q-32GRR(XMP)	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	●	●	●
HyperX	HX428C14SB2/4(XMP)	4GB	SS	-	-	14-16-16-39	1.35	●	●	●
HyperX	HX428C14SB2/8(XMP)	8GB	DS	-	-	14-16-16-39	1.35	●	●	●

HyperX	HX428C14SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	14-16-16-39	1.35	●	●	●
HyperX	HX428C14SB2K2/8(XMP)	8GB (2x 4GB)	SS	-	-	14-16-16-39	1.35	●	●	●
HyperX	HX428C14SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	14-16-16-39	1.35	●	●	●
Team	TCD44G2800C16ABK(XMP)	4GB	SS	SK Hynix	H5AN4GBNAFRTFC	16-16-16-36	1.2	●	●	
Team	TCD48G2800C16ABK(XMP)	8GB	SS	Team	T4D10248HT-30	16-16-16-36	1.2	●	●	

DDR4 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								1 DIMM	2 DIMM	4 DIMM
ADATA	AX4U3000W4G16-BWZ(XMP)	4GB	SS	-	-	16-16-16-36	1.35	●	●	●
ADATA	AX4U3000W8G16-BWZ(XMP)	8GB	DS	-	-	16-16-16-36	1.35			●
Apacer	EK.16GAW.KFBK2(XMP)	8GB	DS	-	-	16-16-16-36	-	●	●	●
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	AVD4U30001504G-4CIR(XMP)	16GB (4x 4GB)	DS	AVEXIR	512X8DDR4	15-15-15-35	1.35	●	●	●
AVEXIR	AVD4U30001608G-4CIR(XMP)	32GB (4x 8GB)	DS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-4RD(XMP)	16GB (4x 4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4RD(XMP)	32GB (4x 8GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-2BZ1RR	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-2BZ1GY	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-2BZ1SW	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-2RD	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-2RDGT	8GB (2x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-4BZ1RR	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-4BZ1GY	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-4BZ1SW	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001604G-4RDGT	16GB (4x4GB)	SS	AVEXIR	512X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-2BZ1RR	8GB (2x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-2BZ1GY	8GB (2x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-2BZ1SW	8GB (2x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-2RD	8GB (2x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-2RDGT	8GB (2x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4BZ1RR	16GB (4x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4BZ1GY	16GB (4x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4BZ1SW	16GB (4x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4RD	16GB (4x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
AVEXIR	AVD4UZ130001608G-4RDGT	16GB (4x4GB)	SS	AVEXIR	1024X8DDR4	16-18-18-36	1.35	●	●	●
CORSAIR	CMD16GX4M4B3000C15(Ver5.29)(XMP)	16GB (4x 4GB)	DS	-	-	15-17-17-35	1.35	●	●	●
CORSAIR	CMK16GX4M2B3000C15(Ver4.23)(XMP)	16GB (2x 8GB)	DS	-	-	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	CMK8GX4M2B3000C15(Ver4.23)(XMP)	8GB (2x 4GB)	DS	-	-	15-17-17-35	1.35	●	●	
CORSAIR	CMU16GX4M2C3000C15(Ver3.21)(XMP)	16GB (2x 8GB)	DS	-	-	15-17-17-35	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	F4-3000C14Q2-128GVK(XMP)	128GB (8x 16GB)	DS	-	-	14-14-14-34	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	F4-3000C15D-8GTZB(XMP)	8GB (2x 4GB)	SS	-	-	15-16-16-35	1.35	●	●	
G.SKILL	F4-3000C15Q-16GTZ	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GVR	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GVB	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GVK	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GVG	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GVS	16GB (4x 4GB)	SS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GRK(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-16GRR(XMP)	16GB (4x 4GB)	SS	-	-	15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GTZ	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GVR	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GVB	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GVK	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GVG	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GVS	32GB (4x 8GB)	DS			15-15-15-35	1.35	●	●	●
G.SKILL	F4-3000C15Q-32GRK(XMP)	32GB (4x 8GB)	DS	-	-	15-15-15-35	1.35	●	●	
G.SKILL	F4-3000C16Q2-128GVKB(XMP)	128GB (8x 16GB)	DS	-	-	16-18-18-38	1.35	●	●	●
GelL	GLR416GB3000C16QC(XMP)	16GB (4x 4GB)	SS	-	-	16-16-16-36	1.35	●	●	●
GelL	GWW416GB3000C15DC(XMP)	16GB (2x 8GB)	DS	GelL	CG4L512G88BA093	15-17-17-35	1.35	●	●	
HyperX	HX430C15PB3K2/16(XMP)	16GB (2x 8GB)	SS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15PB3K2/32(XMP)	32GB (2x 16GB)	DS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15PB3K2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15PB3K4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15PB3K4/32(XMP)	32GB (4x 8GB)	SS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15PB3K4/64(XMP)	64GB (4x 16GB)	DS	-	-	15-17-17-36	1.35	●	●	●
HyperX	HX430C15SB2/4(XMP)	4GB	SS	-	-	15-17-17-39	1.35	●	●	●
HyperX	HX430C15SB2/8(XMP)	8GB	DS	-	-	15-17-17-39	1.35	●	●	
HyperX	HX430C15SB2K2/16(XMP)	16GB (2x 8GB)	DS	-	-	15-17-17-39	1.35	●	●	
HyperX	HX430C15SB2K2/8(XMP)	8GB (2x 4GB)	SS	-	-	15-17-17-39	1.35	●	●	●
HyperX	HX430C15SB2K4/16(XMP)	16GB (4x 4GB)	SS	-	-	15-17-17-39	1.35	●	●	●
HyperX	HX430C15SB2K4/32(XMP)	32GB (4x 8GB)	DS	-	-	15-17-17-39	1.35	●	●	
HyperX	HX430C16PBK4/64(XMP)	64GB (4x 16GB)	DS	-	-	16-16-16-39	1.35	●	●	●
Klevv	IM44GU48A30-GIIHMC(XMP)	4GB	SS	-	-	16-18-18-36	1.35	●	●	●
Klevv	IM48GU48A30-GIIHMC(XMP)	8GB	DS	-	-	16-18-18-36	1.35	●	●	
PATRIOT	PV432G300C6QK-PE000378(XMP)	32GB (4x 8GB)	DS	-	-	16-16-16-36	1.35	●	●	
Team	TCD48G3000C15ABK(XMP)	8GB	DS	SK hynix	H5AN4G8NMFRTFC	15-15-15-35	1.35	●	●	
Team	TCD48G3000C16ABK(XMP)	8GB	SS	SK Hynix	H5AN8GBNMFRUHC	16-16-16-36	1.35	●	●	

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
G.SKILL	F4-3200C16D-8GRK	8GB(4GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3200C16D-8GTZ	8GB(4GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3200C16D-8GVK	8GB(4GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3200C16Q-16GRR	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3200C16Q-16GRB	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3200C16Q-16GRKD	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3200C16Q-16GTZ	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3200C16Q-16GVK	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3200C16D-16GVKB	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GVGB	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZLG	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZLO	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZB	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZKW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	

G.SKILL	F4-3200C16D-16GTZKY	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-6GTZKO	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZSW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C16D-16GTZSK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3200C15D-16GVR	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GVK	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GTZ	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GTZKW	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GTZKY	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-6GTZKO	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GTZSW	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C15D-16GTZSK	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3200C14D-16GVR	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GVK	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GTZ	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GTZKW	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GTZKY	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-6GTZKO	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GTZSW	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C14D-16GTZSK	16GB(8GB*2)	SS			14-14-14-34	1.35V	●	
G.SKILL	F4-3200C16Q-32GVKB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZKW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZKY	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZKO	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZSW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C16Q-32GTZSK	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3200C15Q-32GVR	32GB(8GB*4)	SS			15-15-15-35	1.35V	●	●
G.SKILL	F4-3200C15Q-32GVK	32GB(8GB*4)	SS			15-15-15-35	1.35V	●	●
G.SKILL	F4-3200C15Q-32GTZ	32GB(8GB*4)	SS			15-15-15-35	1.35V	●	●
G.SKILL	F4-3200C15Q-32GTZSW	32GB(8GB*4)	SS			15-15-15-35	1.35V	●	●
G.SKILL	F4-3200C14Q-32GVR	32GB(8GB*4)	SS			14-14-14-34	1.35V	●	●
G.SKILL	F4-3200C14Q-32GVK	32GB(8GB*4)	SS			14-14-14-34	1.35V	●	●
G.SKILL	F4-3200C14Q-32GTZ	32GB(8GB*4)	SS			14-14-14-34	1.35V	●	●
G.SKILL	F4-3200C14Q-32GTZSW	32GB(8GB*4)	SS			14-14-14-34	1.35V	●	●
CORSAIR	CMK8GX4M2B3200C16 ver4.24	8GB(4GB*2)	SS			16-18-18-36	1.35V	●	
CORSAIR	CMD8GX4M2B3200C16 ver4.24	8GB(4GB*2)	SS			16-18-18-36	1.35V	●	
CORSAIR	CMD8GX4M2B3200C14 ver4.24	8GB(4GB*2)	SS			14-16-16-35	1.35V	●	
CORSAIR	CMU16GX4M2C3200C16 ver5.39	16GB(8GB*2)	SS			16-18-18-36	1.35V	●	
CORSAIR	CMD16GX4M4B3200C15 ver4.24	16GB(4GB*4)	SS			15-17-17-35	1.35V	●	●
CORSAIR	CMD16GX4M4B3200C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
CORSAIR	CMD16GX4M4B3200C14 ver4.24	16GB(4GB*4)	SS			14-16-16-35	1.35V	●	●
CORSAIR	CMK16GX4M4B3200C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
CORSAIR	CMK16GX4M4B3200C15 ver4.24	16GB(4GB*4)	SS			15-17-17-35	1.35V	●	●
CORSAIR	CMK16GX4M4C3200C15 ver4.24	16GB(4GB*4)	SS			15-17-17-35	1.35V	●	●
CORSAIR	CMK16GX4M4B3200C14 ver4.24	16GB(4GB*4)	SS			14-16-16-35	1.35V	●	●
CORSAIR	CMU32GX4M4C3200C16 ver5.39	32GB(8GB*4)	SS			16-18-18-36	1.35V	●	●
KINGSTON	HX432C16PB3K4/16	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
KINGSTON	HX432C16PB3K4/32	32GB(8GB*4)	SS			16-18-18-36	1.35V	●	●

DDR4 3300 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	F4-3300C16Q-16GRK	16GB(4GB*4)	SS	Samsung	K4A4G085WD	16-16-16-36	1.35V	●	●
CORSAIR	CMD16GX4M4B3300C16	16GB(4GB*4)	SS	Samsung	K4A4G085WD	16-18-18-36	1.35V	●	●

DDR4 3333 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	F4-3333C16Q-16GRKD	16GB(4GB*4)	SS	samsung		16-18-18-36	1.35V	●	●
G.SKILL	F4-3333C16D-16GVR	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3333C16D-16GVK	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3333C16D-16GTZ	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3333C16D-16GTZB	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3333C16D-16GTZKW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3333C16D-16GTZSW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3333C16D-16GTZSK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3333C16Q-32GVR	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3333C16Q-32GVK	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3333C16Q-32GTZ	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
G.SKILL	F4-3333C16Q-32GTZB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3333C16Q-32GTZSW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
CORSAIR	CMD16GX4M4B3333C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
CORSAIR	CMK16GX4M4B3333C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
KINGSTON	HX433C16PB3K2/16	16GB(8GB*2)	SS			16-18-18-36	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
A-DATA	AX4U3400W4G16-BRZ	4GB	SS			16-17-17-36	1.35V	●	

DDR4 3466 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	F4-3466C16D-8GRK	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3466C16D-8GTZ	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3466C16D-8GVK	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
G.SKILL	F4-3466C16Q-16GRK	16GB(4GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GVR	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GVK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GTZ	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GTZKW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GTZSW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16D-16GTZSK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16Q-16GVK	16GB(4GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16Q-32GVR	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16Q-32GVK	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16Q-32GTZ	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3466C16Q-32GTZSW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
CORSAIR	CMD16GX4M4B3466C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
CORSAIR	CMK16GX4M4B3466C16 ver4.24	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●

DDR4 3600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)	
								2 DIMM	4 DIMM
G.SKILL	F4-3600C17D-8GRK	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	
G.SKILL	F4-3600C17D-8GTZ	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	
G.SKILL	F4-3600C17D-8GVK	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	

G.SKILL	F4-3600C17D-16GVK	16GB(8GB*2)	SS			17-18-18-38	1.35V	●	
G.SKILL	F4-3600C17D-16GTZ	16GB(8GB*2)	SS			17-18-18-38	1.35V	●	
G.SKILL	F4-3600C16D-16GVK	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3600C16D-16GTZ	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
G.SKILL	F4-3600C15D-16GTZ	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	
G.SKILL	F4-3600C17Q-16GVK	16GB(4GB*4)	SS			17-18-18-38	1.35V	●	●
G.SKILL	F4-3600C17Q-16GRK	16GB(4GB*4)	SS			17-18-18-38	1.35V	●	●
G.SKILL	F4-3600C17Q-16GTZ	16GB(4GB*4)	SS			17-18-18-38	1.35V	●	●
G.SKILL	F4-3600C17Q-32GVK	32GB(8GB*4)	SS			17-18-18-38	1.35V	●	●
G.SKILL	F4-3600C17Q-32GTZ	32GB(8GB*4)	SS			17-18-18-38	1.35V	●	●
G.SKILL	F4-3600C17Q-32GTZA	32GB(8GB*4)	SS			17-17-17-37	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTZB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTZSWB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
G.SKILL	F4-3600C16Q-32GTZBKW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
CORSAIR	CMD8GX4M2B3600C18 ver4.24	8GB(4GB*2)	SS			18-19-19-39	1.35V	●	
CORSAIR	CMK8GX4M2B3600C18 ver4.24	8GB(4GB*2)	SS			18-19-19-39	1.35V	●	
CORSAIR	CMK16GX4M2B3600C18 ver4.31	16GB(8GB*2)	SS			18-19-19-39	1.35V	●	
CORSAIR	CMD16GX4M4B3600C18 ver4.24	16GB(4GB*4)	SS			18-19-19-39	1.35V	●	●
CORSAIR	CMK16GX4M4B3600C18 ver4.24	16GB(4GB*4)	SS			18-19-19-39	1.35V	●	●

DDR4 3733 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	F4-3733C17D-8GRK	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
G.SKILL	F4-3733C17D-8GTZ	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
G.SKILL	F4-3733C17D-8GVK	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
G.SKILL	F4-3733C17D-16GTZ	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
G.SKILL	F4-3733C17Q-16GRK	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
G.SKILL	F4-3733C17Q-16GTZ	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
G.SKILL	F4-3733C17Q-16GVK	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
G.SKILL	F4-3733C17D-16GTZ	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
G.SKILL	F4-3733C17D-16GTZA	16GB(8GB*2)	SS			17-17-17-37	1.35V	●	
G.SKILL	F4-3733C17Q-32GTZ	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
G.SKILL	F4-3733C17Q-32GTZSW	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
G.SKILL	F4-3733C17Q-32GTZKW	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
CORSAIR	CMD8GX4M2B3733C17 ver4.24	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
CORSAIR	CMK8GX4M2B3733C17 ver4.24	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	

DDR4 3866 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	F4-3866C17D-8GRK	8GB(4GB*2)	SS			18-22-22-42	1.35V	●	
G.SKILL	F4-3866C17D-8GVK	8GB(4GB*2)	SS			18-22-22-42	1.35V	●	
G.SKILL	F4-3866C17D-8GTZ	8GB(4GB*2)	SS			18-22-22-42	1.35V	●	
G.SKILL	F4-3866C17Q-16GRK	16GB(4GB*4)	SS			18-22-22-42	1.35V	●	●
G.SKILL	F4-3866C17Q-16GVK	16GB(4GB*4)	SS			18-22-22-42	1.35V	●	●
G.SKILL	F4-3866C17Q-16GTZ	16GB(4GB*4)	SS			18-22-22-42	1.35V	●	●

4 DIMM Slots

• 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration. Install the module into A2 slot for better compatibility.
• 2 DIMM: Supports one pair of modules inserted into the same color slots as one pair of Dual-channel memory configuration. Install the modules into A2/B2 slots for better compatibility.
• 4 DIMM: Supports 4 modules inserted into both A1/A2 and B1/B2 slots as two pairs of Dual-channel memory configuration

- When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
- 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
- Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.
- Highly recommended to use 4-DIMM/2-DIMM kit for full DIMM configuration. Full DIMM support is subject to the physical characteristics of individual CPUs or Memory.