

STRIX Z370-E GAMING&PRIME Z370-A

DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
SAMSUNG	M378A5143DB0--CPB	4GB	SS	SEC 428 BCPB
SAMSUNG	M378A1G43DB0--CPB	8GB	DS	SEC 428 BCPB
G.SKILL	F4-2133C15Q-32GRK	8GB	DS	N/A
KINGSTON	HX421C13PBK4/16	4GB	SS	N/A
PANRAM	PUD42133C138G4NJW	8GB	DS	N/A
PANRAM	PUD42133C134G4NJW	4GB	SS	N/A
CORSAIR	CMK16GX4M4A2133C15(Ver4.2	4GB	SS	N/A
CRUCIAL	MTA8ATF51264AZ-2G1A1	4GB	SS	MICRON
CORSAIR	CMV4GX4M1A2133C15	4GB	SS	N/A
KINGSTON	HX421C14FB/8	8GB	DS	N/A
APACER	78.C1GM3.AF10B	8GB	DS	SK HYNIX
KINGSTON	HX421C13SBK4/16	4GB	SS	N/A
KINGSTON	KVR21N15D8/8	8GB	DS	SK HYNIX
GALAXY	GAM4DBLBM2133D15IE041C	4GB	DS	N/A
GALAXY	GAM4DBLBM2133I5IE081C	8GB	DS	N/A
AVEXIR	AVD4U21331508G-1C0B	8GB	DS	N/A
CORSAIR	CMK16GX4M4A2133C13 (Ver5.29)	4GB	SS	N/A
GEIL	GPR48GB2133C15DC	4GB	SS	N/A
KINGSTON	HX421C14FBK4/32	8GB	DS	N/A
TEKISM	T4U2133B8G15-SAD	8GB	DS	SEC 446 BCPB
G.SKILL	F4-2133C15Q-16GRB	4GB	SS	N/A
CENTURY	PC4-17000	8GB	DS	SK HYNIX
KINGSTON	KVR21N15S8/4	4GB	SS	SK HYNIX
ADATA	AX4U2133W4G15-QRZ	4GB	SS	N/A
TEAM	TED48GM2133C15BK	8GB	DS	SK HYNIX
Transcend	TS1GLH72V1H (ECC)	8GB	DS	SEC552
ADATA	AD4U2133W8G15-B	8GB	DS	SK HYNIX
CRUCIAL	CT8G4DFD8213.16FA11	8GB	DS	MICRO
KINGSTON	KVR21E15S8/4	4GB	SS	SK HYNIX
G.SKILL	F4-2133C15S-4GNT	4GB	SS	G.SKILL
G.SKILL	F4-2133C15S-8GNT	8GB	DS	G.SKILL
TEAM	TPAD44G2133HC15BK	4GB	SS	N/A
APACER	AHU08GGB13CGT7G	8GB	DS	N/A
ASINT	SLB404G08-CCN2B 1615	8GB	DS	SK HYNIX
PATRIOT	PSD48G21332	8GB	DS	PAIROT
APACER	AU08GGB13CDTBGC	8GB	DS	APACER
SAMSUNG	M378A1K43BB1-CPB	8GB	SS	SEC 610
KINGSTON	HX421C14FB2/8	8GB	SS	N/A
KINGSTON	HX421C14FBK2/8	4GB	SS	N/A
KINGSTON	HX421C14FB/4	4GB	SS	N/A
V-COLOR	TC48G21S818-IMS	8GB	SS	V-COLOR
TIGO	TMKU8GF58-2133P	8GB	DS	N/A
SAMSUNG	M378A5143EB1-CPB	4GB	SS	SEC 637
SAMSUNG	M378A5143EB1-CPB	4GB	SS	SEC 607
TEAM	TED48G2133C15BK	8GB	SS	TEAM
ANUCCELL	GRPIF1621033818594	8GB	DS	ANUCCELL
GALAXY	GAL4AXLBM2133I5IE081C	8GB	SS	GALAXY
TIGO	TMKU8G868-2133P	8GB	SS	
Xiede	1.2V-PC4-17000-1620	4GB	SS	MICON
Xiede	1.2V-PC4-17000-1620	8GB	DS	SK HYNIX
V-COLOR	TC48G21S815	8GB	SS	V-COLOR
V-COLOR	TC48G21S815-IMS	8GB	SS	V-COLOR
SAMSUNG	M378A2K43BB1CPB	16GB	DS	SEC510
G.SKILL	F4-2133C15Q-32GRR	8GB	SS	N/A

G.SKILL	F4-2133C15Q2-64GRR	8GB	SS	N/A
CRUCIAL	CT16G4DFD8213.C16FAD1	16GB	DS	MICON
CRUCIAL	CT8G4DFD8213.C16FDR2	8GB	DS	MICON
CRUCIAL	CT4G4DFS8213.C8FBD2	4GB	SS	MICON
GEIL	GFY48GB2133C15DC	4GB	SS	N/A
Klevv	IM48GU88N21-FFFHMB	8GB	SS	N/A
Klevv	IM44GU48N21-FFFHAB	4GB	SS	N/A
Klevv	IM4AGU88N21-FFFHMB	16GB	DS	N/A
PATRIOT	PVE48G213C4GY	8GB	SS	N/A
GEIL	GPR432GB2133C15QC	8GB	SS	N/A
SK HYNIX	HMA451U6AFR8N-TF	4GB	SS	SK HYNIX
GLOWAY	STK4U2133D15041C/ PC4-	4GB	SS	N/A
G.SKILL	F4-2133C15Q-64GFX	16GB	DS	N/A
G.SKILL	F4-2133C15Q-32GFX	8GB	SS	N/A
G.SKILL	F4-2133C15S-8GDB	8GB	SS	G.SKILL
AVANT	AVW6451U67J5213N3-SAEP	4GB	SS	SEC 549
AVANT	AVW641GU67J5213N2-SAEP	8GB	DS	SEC 549
AVANT	AVW642GU42J5213N2-SAEP	16GB	DS	SEC 549
CRUCIAL	CT16G4DFD8213.C16FH1	16GB	DS	N/A
ADATA	AD4U213338G15-B	8GB	SS	N/A
ADATA	AD4U2133W4G15-BP	4GB	SS	N/A
Apacer	78.B1GM3.AF00B	4GB		
Apacer	AHU08GGB13CGT7G (EK.08G2R.KDC)	8GB		
Apacer	AHU08GGB13CGU7G (EK.08G2R.GDC)	8GB		
Apacer	AU08GGB13CDYBGC (EL.08G2R.GDM)	8GB		
CENTURY MICRO INC	CD8G-D4U2133	8GB		
CENTURY MICRO INC	CK8GX4-D4U2133	8GB		
CORSAIR	CMD16GX4M4B2133C10(Ver3.2 0)(XMP)	4GB		
CORSAIR	CMD16GX4M4B2133C10(Ver3.2 0)(XMP)	4GB		
CORSAIR	CMK16GX4M4A2133C13(Ver4.2 3)(XMP)	4GB		
CORSAIR	CMK32GX4M2A2133C13(Ver4.3 1)(XMP)	16GB		
CORSAIR	CMK32GX4M4A2133C13(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMK32GX4M4A2133C15(Ver3.2)	8GB		
CORSAIR	CMK32GX4M4A2133C15(Ver5.2)	8GB		
CORSAIR	CMK64GX4M8A2133C13(Ver3.2 0)(XMP)	8GB		
CORSAIR	CMK64GX4M8A2133C13(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMV16GX4M1A2133C15	16GB		
CORSAIR	CMV16GX4M1A2133C15	16GB		
CORSAIR	CMV8GX4M1A2133C15	8GB		
crucial	CT16G4DFD8213.16FB1	16GB		
crucial	CT4G4DFS8213.8FA2	4GB		
crucial	CT4G4DFS8213.8FB1	4GB		
crucial	CT8G4DFD8213.16FA1	8GB		
crucial	CT8G4DFS8213.8FB1	8GB		
G.SKILL	F4-2133C15Q-16GRR	4GB		
G.SKILL	F4-2133C15Q-16GVR	4GB		
G.SKILL	F4-2133C15Q-16GVB	4GB		
G.SKILL	F4-2133C15Q-16GVG	4GB		

G.SKILL	F4-2133C15Q-16GVK	4GB
G.SKILL	F4-2133C15Q-16GVS	4GB
G.SKILL	F4-2133C15Q-16GRK	4GB
Kingston	KVR21N15D8/8	8GB
G.SKILL	F4-2133C15Q2-128GVK	16GB
G.SKILL	F4-2133C15Q2-128GVR	16GB
G.SKILL	F4-2133C15Q2-64GRB	8GB
G.SKILL	F4-2133C15Q-32GVR	8GB
G.SKILL	F4-2133C15Q-32GVB	8GB
G.SKILL	F4-2133C15Q-32GVG	8GB
G.SKILL	F4-2133C15Q-32GVK	8GB
G.SKILL	F4-2133C15Q-32GVS	8GB
G.SKILL	F4-2133C15Q-32GRB	8GB
GelL	GPR416GB2133C15QC	4GB
Hyper X	HX421C13SB/4(XMP)	4GB
Hyper X	HX421C13SB/8(XMP)	8GB
Hyper X	HX421C13SBK2/16(XMP)	8GB
Hyper X	HX421C13SBK2/8(XMP)	4GB
Hyper X	HX421C13SBK4/16(XMP)	4GB
Hyper X	HX421C13SBK4/32(XMP)	8GB
Hyper X	HX421C14FB/4	4GB
Hyper X	HX421C14FB/8	8GB
Hyper X	HX421C14FB2K4/32(XMP)	8GB
Hyper X	HX421C14FBK2/16	8GB
Hyper X	HX421C14FBK2/8	4GB
Hyper X	HX421C14FBK4/16	4GB
Hyper X	HX421C14FBK4/32	8GB
Hyper X	HX421C14FBK4/64	16GB
Hyper X	HX421C14FBK8/64	8GB
Kingston	KVR21N15D8/16	16GB
Kingston	KVR21N15S8/4	4GB
Klevv	IM44GU48N21-FFFHAB(XMP)	4GB
Klevv	KM4B4GX1N-2133-15-15-15-35-	4GB
Klevv	KM4B4GX2N-2133-15-15-15-35-	4GB
Klevv	KM4B4GX4N-2133-15-15-15-35-	4GB
Klevv	IM48GU88N21-FFFHMB(XMP)	8GB
Klevv	KM4B8GX1N-2133-15-15-15-35-	8GB
Klevv	KM4B8GX2N-2133-15-15-15-35-	8GB
Klevv	KM4B8GX4N-2133-15-15-15-35-	8GB
Klevv	IM4AGU88N21-FFFHMB(XMP)	16GB
Klevv	KM4B16X1N-2133-15-15-15-35-0	16GB
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB
Klevv	KM4B16X4N-2133-15-15-15-35-0	16GB
Klevv	KM4C4GX4N-2133-15-15-15-35-	4GB
Klevv	KM4C4GX4N-2133-15-15-15-35-	4GB
Klevv	KM4C8GX4N-2133-15-15-15-35-	8GB
Klevv	KM4C8GX4N-2133-15-15-15-35-	8GB
Micron	MTA16ATF1G64AZ-2G1A1	8GB
Micron	MTA16ATF2G64AZ-2G1B1	16GB
Micron	MTA8ATF1G64AZ-2G1B1	8GB
Micron	MTA8ATF51264AZ-2G1A2	4GB
panram	W4U2133PS-8G	8GB
SanMax	SMD-4G28HP-21P	4GB
SanMax	SMD-8G28HP-21P	8GB
Silicon Power	SP004GBLFU213N01	4GB
Silicon Power	SP008GBLFU213N01	8GB
SK Hynix	HMA41GU6MFR8N-TF	8GB
SK Hynix	HMA41GU7AFR8N-TF	8GB
SK Hynix	HMA451U7AFR8N-TF	4GB
SK Hynix	HMA82GU6MFR8N-TF	16GB
SK Hynix	HMA82GU7MFR8N-TF	16GB

SUPER	FBU2B008GM	8GB		
Team	TED416G2133C15BK	16GB		
Team	TED464G2133C15QC01	16GB		
Team	TPRD464G2133HC15QC01	16GB		
Team	TPD464G2133HC15QC01	16GB		
Team	TED432G2133C15DC01	16GB		
Team	TPRD432G2133HC15DC01	16GB		
Team	TPD432G2133HC15DC01	16GB		
Team	TED44GM2133C15ABK	4GB		
Team	TED432G2133C15QC01	8GB		
Team	TPRD432G2133HC15QC01	8GB		
Team	TPD432G2133HC15QC01	8GB		
Team	TED416G2133C15DC01	8GB		
Team	TPRD416G2133HC15DC01	8GB		
Team	TPD416G2133HC15DC01	8GB		
UMAX	84G44G93MC-21OMCALGF15	4GB		
UMAX	84G48G93MC-21OMCGNGF15	8GB		
Ramsta	R2DD4N04G2133	4GB	SS	Micron
Ramsta	R2DD4N08G2133	8GB	SS	Micron

DDR4 2400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
ADATA	AX4U2400W8G16-DRZ	8GB	DS	N/A
G.SKILL	F4-2400C15Q-32GRB	8GB	DS	N/A
PATRIOT	PX416G240C5QK	4GB	SS	N/A
GLOWAY	PC4-19200	4GB	DS	N/A
PANRAM	PUD42400C154G4NJW	4GB	SS	N/A
PANRAM	PUD42400C158G4NJW	8GB	DS	N/A
CRUCIAL	BLS4K4G4D240FSA	4GB	SS	N/A
ADATA	AX4U2400W4G16-DRZ	4GB	SS	N/A
GEIL	GPR416GB2400C15QC	4GB	SS	N/A
MUSHKIN	997199F	8GB	DS	N/A
KINGSTON	HX424C15FBK4/32	8GB	DS	N/A
APACER	78.C1GMA.AF30B	8G	DS	SK HYNIX
PNY	MD16GK2D4240015AB	8GB	DS	N/A
V-COLOR	TD8G16C16-UHK	8GB	DS	N/A
G.SKILL	F4-2400C15D-169GVR	8GB	DS	N/A
APACER	AHU08GGB24CDT7G	8GB	DS	N/A
CORSAIR	CM4X8GE2400C14K4-CN (Ver4.24)	8GB	DS	N/A
CORSAIR	CMK8GX4M1A2400C14(Ver3.20)	8GB	DS	N/A
PATRIOT	PV416G240C5QK	4GB	SS	N/A
PATRIOT	PSD44G240081	4GB	SS	PAIROT
APACER	78.B1GMA.AF20B	4GB	SS	SK HYNIX
KINGSTON	HX424C15FBK4/16	4GB	SS	N/A
G.SKILL	F4-2400C14Q2-128GRK	16GB	DS	N/A
G.SKILL	F4-2400C14Q-16GRK	4GB	SS	N/A
G.SKILL	F4-2400C15Q-16GRR	4GB	SS	N/A
AVEXIR	AVD4UZ124001608G-4COR	8GB	DS	N/A
AVEXIR	AVD4UZ124001604G-4COB	4GB	SS	N/A
CRUCIAL	BLS8G4D240FSA.16FADG	8GB	DS	N/A
TEAM	TED48G2400C16BK	8GB	DS	TEAM
KINGSTON	HX424C12PBK4/32	8GB	DS	N/A
G.SKILL	F4-2400C15Q-32GRR	8GB	DS	N/A
PATRIOT	PSD48G240002	8GB	DS	PAIROT
GALAXY	GAL4AXLBM2400D16JE081C	8GB	SS	GALAXY
GEIL	DDR48GB2400C16QC	8GB	SS	GEIL

CORSAIR	CM4X8GE2400C16K4-CN (Ver5.20)	8GB	DS	N/A
LEORICE	DDR4/2400MHZ/CL15/1.2V	8GB	SS	N/A
CORSAIR	CMD32GX4M4A2400C14 (Ver4.23)	8GB	DS	N/A
AMD	R748G2400U2S	8GB	DS	N/A
MICRON	MTA16ATF2G64AZ-2G3B1	16GB	DS	MICRON
MICRON	MTA8ATF1G64AZ-2G3B1	8GB	SS	MICRON
KINGSTON	HX424C12SB2K4/16	4GB	SS	N/A
KINGSTON	HX424C12SB2K4/32	8GB	DS	N/A
KINGSTON	HX424C15FBK2/16	8GB	DS	N/A
GALAXY	GAM4BXLBS240016JE164C	4GB	SS	N/A
APACER	AH08GGB24CDT5H	8GB	DS	N/A
CORSAIR	CMK8GX4M2A2400C14(Ver3.28)	4GB	SS	N/A
CORSAIR	CMK16GX4M2A2400C14	8GB	DS	N/A
AVEXIR	AVD4UZ124001608G-1COB	8GB	DS	N/A
AVEXIR	AVD4U24001608G-1BW	8GB	DS	N/A
APACER	AU08GGB24CETBGC	8GB	DS	APACER
AVEXIR	AVD4UZ124001608G-2COR	8GB	DS	N/A
V-COLOR	8GTC48G24S817-IMS	8GB	SS	V-COLOR
CORSAIR	CMD32GX4M4A2400C12 (Ver5.20)	8GB	DS	N/A
G.SKILL	F4-2400C15Q-64GIS	16GB	DS	N/A
G.SKILL	F4-2400C15Q-32GNT	8GB	SS	G.SKILL
CRUCIAL	BLS8G4D24OFB.16FARG	8GB	DS	N/A
GEIL	GLW416GB2400C15DC	8GB	SS	N/A
TEAM	TDTRD48G2400HC15ABK	8GB	SS	N/A
TEAM	TDRED48G2400HC14BK	8GB	DS	N/A
GEIL	GRP416GB2400C16DC	8GB	SS	N/A
ADATA	AX4U2400W8G16-BRZ	8GB	DS	N/A
KINGSTON	HX424C15FB/16	16GB	DS	N/A
CRUCIAL	BLS8G4D240FSC.16FARG	8GB	DS	N/A
CORSAIR	CMK32GX4M2A2400C14(Ver3.3	16GB	DS	N/A
GALAXY	GAM4HFL1BM2400D15IE08IC	8G	DS	N/A
CORSAIR	CMK32GX4M4A2400C16R(Ver3.	8GB	SS	N/A
CORSAIR	CMD16GX4M4B2400C10	4GB	SS	N/A
MUSHKIN	997199T	8GB	SS	N/A
GEIL	8G2133C151.2V	8GB	DS	GEIL
TEAM	TCD44G2400C14BK	4GB	SS	Skhymix
TIGO	TMKU8GF28-2400U	8GB	DS	N/A
APACER	AU08GGB24CEYBGC	8GB	SS	APACER
KINGSTON	HX424C12SB2K2/16	16GB	DS	N/A
KINGSTON	KVR24N17D8/8-SP	8GB	DS	N/A
GLOWAY	PC4-19200	8GB	SS	N/A
ADATA	AX4U240038G16-BWZ	8GB	SS	N/A
ADATA	AX4U2400316G16-SBF	16G	DS	N/A
AVEXIR	AVD4UZ124001608G-4COR	8GB	SS	N/A
AVEXIR	AVD4UZ124001604G-4COR	4GB	SS	N/A
KINGSTON	TF24D4U7S8MB-8	8GB	SS	MICON
KINGSTON	TF24D4U7S1MBD-2	2GB	SS	MICON
KINGSTON	TF24D4U7S8MBD-4	4GB	SS	MICON
RAMAXEL	RMUA5120MB86H9F-2400	4GB	SS	MICON
RAMAXEL	RMUA5120MB76H8F-2400	2GB	SS	MICON
V-COLOR	TC48G24S817	8GB	SS	V-COLOR
ADATA	AX4U240038G16-SBF	8GB	SS	N/A
ADATA	AX4U2400W8G16-DRD	8GB	DS	N/A
ADATA	AX4U2400316G16-DRD	16GB	DS	N/A
G.SKILL	F4-2400C15Q2-64GRK	8GB	SS	N/A
TEAM	TCD48G2400C14BK	8GB	SS	TEAM

CRUCIAL	BLS16G4D240FSE.16FAD	16GB	DS	N/A
CRUCIAL	BLS4G4D240FSA.8FARG	4GB	SS	N/A
PATRIOT	PV48G240C5	8GB	DS	N/A
TEAM	TFWD416G2400C15BBK	16GB	DS	TEAM
TEAM	TFRD48G2400C15ABK	8GB	SS	TEAM
TEAM	TFRD44G2400C15ABK	4GB	SS	TEAM
Klevv	IM44GU48N24-FFFHAZ	4GB	SS	N/A
Klevv	IM4AGU88N24-FFFHMZ	16GB	DS	N/A
Klevv	IM48GU88N24-FFFHMZ	8GB	SS	N/A
Klevv	IM4AGU88N24-FFFHMB	16GB	DS	N/A
Klevv	IM48GU88N24-FFFHMB	8GB	SS	N/A
Klevv	IM44GU48N24-FFFHAB	4GB	SS	N/A
GEIL	GPR432GB2400C16QC	8GB	SS	N/A
G.SKILL	F4-2400C15D-16GTZR	8GB	SS	N/A
CRUCIAL	MTA16ATF1G64AZ-2G3A2	8GB	DS	MICON
Kingston	KVR24N17S8/8	8GB	SS	N/A
G.SKILL	F4-2400C15Q-64GFX	16GB	DS	N/A
G.SKILL	F4-2400C15Q-32GFX	8GB	SS	N/A
G.SKILL	F4-2400C16Q-64GFX	16GB	DS	N/A
G.SKILL	F4-2400C16Q-32GFX	8GB	SS	N/A
CORSAIR	CMK16GX4M2Z2400C16(Ver3.3	8GB	SS	N/A
CORSAIR	CMK128GX4M8A2400C14(Ver5.	16GB	DS	N/A
SAMSUNG	M378A5244CB0--CRC	4GB	SS	SEC 704
CORSAIR	CMK128GX4M8A2400C14(Ver5.	16GB	DS	N/A
CORSAIR	CMK16GX4M2Z2400C16(Ver3.3	8GB	SS	N/A
GeIL	GFR416GB2400C16S	16GB	SS	N/A
GeIL	GFR432GB2400C16D	16GB	SS	N/A
HyperX	HX424C15FB2K4/32	8GB	SS	N/A
GLOWAY	STK4U2400D17081C	8GB	DS	N/A
GLOWAY	STK4U2400D17081C	8GB	SS	N/A
GLOWAY	STK4U2400D17161C	16GB	SS	N/A
PATRIOT	PSD48G240081	8GB	SS	SEC 710
PATRIOT	PSD44G240081	4GB	SS	SEC 707
PATRIOT	PSD416G24002	16GB	DS	SEC 707
PATRIOT	PV432G240C5QK	8GB	SS	N/A
PATRIOT	PVE48G240C5KRD	4GB	SS	N/A
PATRIOT	PVE416G240C5KBL	8GB	SS	N/A
SAMSUNG	M378A2K43CB1-CRC	16GB	DS	SEC 719
Crucial	CT8G4DFS824A.C8FBD1	8GB	SS	MICRON
ADATA	AD4X240038G17-BP	8GB	SS	N/A
APACER	AHU08GGB24CDU7S	8GB	SS	N/A
Crucial	BLS8G4D240FSC.16FBR2	8GB	DS	MICRON
Asgard	VML41UG-MIC1U22ZG	8GB	SS	MICRON
KINGMAX	GLLF62F-DAKZIG CLBU	4GB	SS	N/A
KINGMAX	GLLH22F-18KIIA CFBU2	16GB	DS	N/A
KINGMAX	GLLG42F-D8KBIA CFDU	8GB	DS	KINGMAX
GEIL	GP44GB2400C16SC	4GB	SS	MICRON
Kingston	KVR24N17S8/4	4GB	SS	MICRON
CRUCIAL	BLS16G4D240FSC.16FBR	16G	DS	MICRON
CRUCIAL	BLS8G4D240FSCK.8FBD	8GB	SS	MICRON
CRUCIAL	CT8G4DFD824A.C16FBD2	8GB	DS	MICRON
CRUCIAL	CT16G4DFD824A.C16FHD1	16GB	DS	MICRON
ADATA	AX4U240038G16-BRZ	8GB	SS	MICRON
G.SKILL	F4-2400C15S-8GNT	8GB	SS	G.SKILL
ADATA	AD4U2400W4G17-B	4GB		
ADATA	AD4U2400W8G17-B	8GB		
ADATA	AX4U2400316G16-DRD(XMP)	16GB		
ADATA	AX4U2400316G16-SBF(XMP)	16GB		
ADATA	AX4U240038G16-BRS-R(XMP)	8GB		

ADATA	AX4U240038G16-SBF(XMP)	8GB
ADATA	AX4U2400W8G16-BRZ(XMP)	8GB
ADATA	AX4U2400W8G16-DRD(XMP)	8GB
Apacer	78.B1GMS.4050B	4GB
Apacer	78.C1GMS.4010B	8GB
Apacer	EK.08G2T.GEC(XMP)	8GB
Apacer	AU08GGB24CEYBGC (EL.08G2T.GFM)	8GB
Apacer	AHU08GGB24CDT7G (EK.08G2T.KEC)	8GB
Apacer	AHU08GGB24CDU7G (EK.08G2T.GEC)	8GB
Apacer	AHU08GGB24CDU6H (EK.16GAT.GEAK2)	8GB
Apacer	AHU08GGB24CDU5H (EK.16GAT.GEBK2)	8GB
CORSAIR	CMD16GX4M4A2400C14(Ver4.2 3)(XMP)	4GB
CORSAIR	CMD32GX4M4A2400C14(Ver4.2 3)(XMP)	8GB
CORSAIR	CMK128GX4M8A2400C14(Ver5. 30)(XMP)	16GB
CORSAIR	CMK16GX4M2A2400C16(Ver3.3 1)(XMP)	8GB
CORSAIR	CMK16GX4M4A2400C14(Ver4.2 3)(XMP)	4GB
CORSAIR	CMK32GX4M4A2400C14(Ver4.2 3)(XMP)	8GB
CORSAIR	CMK32GX4M4A2400C16(Ver3.3 1)(XMP)	8GB
CORSAIR	CMK64GX4M4A2400C14(Ver3.3 1)(XMP)	16GB
CORSAIR	CMK64GX4M4A2400C14(Ver4.3 1)(XMP)	16GB
crucial	BLS16G4D240FSB.16FBD(XMP)	16GB
crucial	BLS4G4D240FSB.8FBD(XMP)	4GB
crucial	BLS8G4D240FSBK.8FBD(XMP)	8GB
crucial	CT16G4DFD824A.16FB1	16GB
crucial	CT16G4DFD824A.C16FDR1	16GB
crucial	CT8G4DFS824A.8FB1	8GB
G.SKILL	F4-2400C14Q2-128GRK(XMP)	16GB
G.SKILL	F4-2400C15Q-16GRR(XMP)	4GB
G.SKILL	F4-2400C15Q-16GVR	4GB
G.SKILL	F4-2400C15Q-16GVB	4GB
G.SKILL	F4-2400C15Q-16GVG	4GB
G.SKILL	F4-2400C15Q-16GVK	4GB
G.SKILL	F4-2400C15Q-16GVS	4GB
G.SKILL	F4-2400C15Q-16GRK	4GB
G.SKILL	F4-2400C15Q-16GRB	4GB
G.SKILL	F4-2400C15Q2-128GRK(XMP)	16GB
G.SKILL	F4-2400C15Q2-128GVK(XMP)	16GB
G.SKILL	F4-2400C15Q2-128GVR	16GB
G.SKILL	F4-2400C15Q2-64GRK(XMP)	8GB
G.SKILL	F4-2400C15Q-32GRR(XMP)	8GB
G.SKILL	F4-2400C15Q-32GVR	8GB
G.SKILL	F4-2400C15Q-32GVB	8GB
G.SKILL	F4-2400C15Q-32GVG	8GB
G.SKILL	F4-2400C15Q-32GVK	8GB
G.SKILL	F4-2400C15Q-32GVS	8GB
G.SKILL	F4-2400C15Q-32GRK	8GB

GelL	GFR416GB2400C16S(XMP)	16GB
GelL	GFR432GB2400C16D(XMP)	16GB
GelL	GLR464GB2400C14QC(XMP)	16GB
GelL	GPR416GB2400C15QC(XMP)	4GB
GelL	GPR432GB2400C15QC(XMP)	8GB
GelL	GPR432GB2400C16QC(XMP)	8GB
Hyper X	HX424C12PB2K4/16(XMP)	4GB
Hyper X	HX424C12SB2/4(XMP)	4GB
Hyper X	HX424C12SB2/8(XMP)	8GB
Hyper X	HX424C12SB2K2/16(XMP)	8GB
Hyper X	HX424C12SB2K2/16(XMP)	8GB
Hyper X	HX424C12SB2K4/16(XMP)	4GB
Hyper X	HX424C12SB2K4/32(XMP)	8GB
Hyper X	HX424C12SB2K4/32(XMP)	8GB
Hyper X	HX424C15B2K4/32(XMP)	8GB
Hyper X	HX424C15FB/4	4GB
Hyper X	HX424C15FB/8(XMP)	8GB
Hyper X	HX424C15FB/8(XMP)	8GB
Hyper X	HX424C15FBK2/16	16GB
Hyper X	HX424C15FBK2/8	4GB
Hyper X	HX424C15FBK4/16	4GB
Hyper X	HX424C15FBK4/16	4GB
Hyper X	HX424C15FBK4/32	8GB
Hyper X	HX424C15FBK4/64	16GB
J&A	AD4U24001716-16M	16GB
J&A	JAD4U24001708-04M	4GB
J&A	JAD4U24001708-08M	8GB
KINGMAX	GLLF62F-DAKZIG-CLBU	4GB
KINGMAX	GLLH22F-18KIIA-CFBU2	16GB
Kingston	KVR24N17D8/16	16GB
Kingston	KVR24N17D8/8	8GB
Klevv	IM44GU48N24-FFFHAB(XMP)	4GB
Klevv	KM4B4GX1N-2133-15-15-15-35-	4GB
Klevv	KM4B4GX2N-2133-15-15-15-35-	4GB
Klevv	KM4B4GX4N-2133-15-15-15-35-	4GB
Klevv	IM44GU48N24-FFFHAZ(XMP)	4GB
Klevv	KM4Z4GX1N-2400-15-15-15-35-1	4GB
Klevv	KM4Z4GX2N-2400-15-15-15-35-1	4GB
Klevv	KM4Z4GX4N-2400-15-15-15-35-1	4GB
Klevv	IM48GU88N24-FFFHMB(XMP)	8GB
Klevv	KM4B8GX1N-2400-15-15-15-35-	8GB
Klevv	KM4B8GX2N-2400-15-15-15-35-	8GB
Klevv	KM4B8GX4N-2400-15-15-15-35-	8GB
Klevv	IM48GU88N24-FFFHMZ(XMP)	8GB
Klevv	KM4Z8GX1N-2400-15-15-15-35-1	8GB
Klevv	KM4Z8GX2N-2400-15-15-15-35-1	8GB
Klevv	KM4Z8GX4N-2400-15-15-15-35-1	8GB
Klevv	IM4AGU88N24-FFFHMB(XMP)	16GB
Klevv	KM4B16X1N-2133-15-15-15-35-0	16GB
Klevv	KM4B16X2N-2133-15-15-15-35-0	16GB
Klevv	IM4AGU88N24-FFFHMZ(XMP)	16GB
Klevv	KM4Z16X1N-2400-15-15-15-35-0	16GB
Klevv	KM4Z16X2N-2400-15-15-15-35-0	16GB
Klevv	KM4Z16X4N-2400-15-15-15-35-0	16GB
panram	W4U2400PS-8G	8GB
PATRIOT	PSD48G240082	8GB
PATRIOT	PV432G240C5QK(XMP)	8GB
PATRIOT	PVE416G240C5KRD(XMP)	8GB
PATRIOT	PVE48G240C5KRD(XMP)	4GB
SK Hynix	HMA81GU6AFR8N-UH	8GB
SK Hynix	HMA82GU6AFR8N-UH	16GB

SK Hynix	HMA851U6AFR6N-UH	4GB
Team	TCD44G2400C14BK(XMP)	4GB
Team	TLRED416G2400HC14QC01	4GB
Team	TLGD416G2400HC14QC01	4GB
Team	TDRED416G2400HC14QC01	4GB
Team	TDGED416G2400HC14QC01	4GB
Team	TLRED48G2400HC14DC01	4GB
Team	TLGD48G2400HC14DC01	4GB
Team	TDRED48G2400HC14DC01	4GB
Team	TDGED48G2400HC14DC01	4GB
Team	TCD48G2400C14BK(XMP)	8GB
Team	TLRED432G2400HC14QC01	8GB
Team	TLGD432G2400HC14QC01	8GB
Team	TDRED432G2400HC14QC01	8GB
Team	TDGED432G2400HC14QC01	8GB
Team	TLRED416G2400HC14DC01	8GB
Team	TLGD416G2400HC14DC01	8GB
Team	TDRED416G2400HC14DC01	8GB
Team	TDGED416G2400HC14DC01	8GB
Team	TED416G2400C16BK	16GB
Team	TED464G2400C16QC01	16GB
Team	TPRD464G2400HC16QC01	16GB
Team	TPD464G2400HC16QC01	16GB
Team	TED432G2400C16DC01	16GB
Team	TPRD432G2400HC16DC01	16GB
Team	TPD432G2400HC16DC01	16GB
Team	TED416G2400C1601	16GB
Team	TPRD416G2400HC1601	16GB
Team	TPD416G2400HC1601	16GB
Team	TED432G2400C16QC01	8GB
Team	TPRD432G2400HC16QC01	8GB
Team	TPD432G2400HC16QC01	8GB
Team	TED416G2400C16DC01	8GB
Team	TPRD416G2400HC16DC01	8GB
Team	TPD416G2400HC16DC01	8GB
Team	TED48G2400C1601	8GB
Team	TPRD48G2400HC1601	8GB
Team	TPD48G2400HC1601	8GB
Team	TFRD44G2400C15ABK(XMP)	4GB
Team	TDTRD416G2400HC15AQC01	4GB
Team	TDTWD416G2400HC15AQC01	4GB
Team	TDTBD416G2400HC15AQC01	4GB
Team	TDTRD48G2400HC15ADC01	4GB
Team	TDTWD48G2400HC15ADC01	4GB
Team	TDTBD48G2400HC15ADC01	4GB
Team	TDTRD44G2400HC15A01	4GB
Team	TDTWD44G2400HC15A01	4GB
Team	TDTBD44G2400HC15A01	4GB
Team	TFRD48G2400C15ABK(XMP)	8GB
Team	TDTRD432G2400HC15AQC01	8GB
Team	TDTWD432G2400HC15AQC01	8GB
Team	TDTBD432G2400HC15AQC01	8GB
Team	TDTRD416G2400HC15ADC01	8GB
Team	TDTWD416G2400HC15ADC01	8GB
Team	TDTBD416G2400HC15ADC01	8GB
Team	TDTRD48G2400HC15A01	8GB
Team	TDTWD48G2400HC15A01	8GB
Team	TDTBD48G2400HC15A01	8GB
Team	TFWD416G2400C15BBK(XMP)	16GB
Team	TDTRD464G2400HC15BQC01	16GB
Team	TDTWD464G2400HC15BQC01	16GB

Team	TDTBD464G2400HC15BQC01	16GB		
Team	TDTRD432G2400HC15BDC01	16GB		
Team	TDTWD432G2400HC15BDC01	16GB		
Team	TDTBD432G2400HC15BDC01	16GB		
Team	TDTRD416G2400HC15B01	16GB		
Team	TDTWD416G2400HC15B01	16GB		
Team	TDTBD416G2400HC15B01	16GB		
V-color	TC48G24S817-IMS	8GB		
V-color	TD4G8C17-UH	4GB		
V-color	TD8G16C17-UH	8GB		
Ramsta	R2DD4N04G2400	4GB	SS	Micron
Ramsta	R2DD4N16G2400	16G	SS	Micron
Ramsta	R2DD4N08G2400	8GB	DS	Micron

DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
CORSAIR	CMK16GX4M4A2666C16 (Ver5.29)	4GB	SS	N/A
CORSAIR	CMD32GX4M4A2666C15(Ver5.2	8GB	DS	N/A
PATRIOT	PX416G266C5QK	4GB	SS	N/A
MUSHKIN	997192F	4GB	SS	N/A
KINGSTON	HX426C13PBK4/32	8GB	DS	N/A
KINGSTON	HX426C15FBK4/32	8GB	DS	N/A
KINGSTON	HX426C15FBK4/16	4GB	SS	N/A
CRUCIAL	BLE4G4D26AFEA.8FAD	8GB	SS	N/A
CRUCIAL	BLE8G4D26AFEA.16FAD	8GB	DS	N/A
AVEXIR	AVD4UZ126661504G-4COB	4GB	SS	N/A
AVEXIR	AVD4UZ126661508G-4COB	8GB	DS	N/A
CRUCIAL	BLT4G4D26AFTA.8FADG	4GB	SS	N/A
CRUCIAL	BLT8G4D26AFTA.16FAD	8GB	DS	N/A
KLEVV	IMA41GU6MFR8N-C F0	8GB	DS	N/A
KINGSTON	HX426C13SB2K4/16	4GB	SS	N/A
PNY	MD16GK4D4266615AXR	4GB	SS	N/A
AVEXIR	AVD4UZ126661504G-4IPROG	4GB	DS	N/A
AVEXIR	AVD4UZ126661504G	4GB	DS	N/A
CORSAIR	CMU32GX4M2A2666C16 (Ver5.20)	16GB	DS	N/A
CORSAIR	CMK16GX4M2A2666C16 (Ver3.31)	8GB	SS	N/A
CORSAIR	CMK32GX4M2A2666C16 (Ver5.39)	16GB	DS	N/A
CORSAIR	CMK16GX4M4A2666C15 (Ver5.20)	16GB	SS	N/A
CORSAIR	CMK16GX4M4A2666C16 (Ver5.2)	16GB	DS	N/A
G.SKILL	F4-2666C15Q-32GRR	8GB	SS	N/A
AVEXIR	AVD4UZ126661704G-4COR	4G*4	SS	N/A
AVEXIR	AVD4UZ126661708G-4COR	8GB	SS	N/A
CORSAIR	CMK32GX4M4A2666C15 (Ver5.20)	8GB	DS	N/A
TEAM	TFRD4162666C15BBK	16G	DS	N/A
TEAM	TCD44G2666C15BBK	4G	SS	TEAM
Klevv	IM4AGU88N26-FFFHMZ	16GB	DS	N/A
Klevv	IM44GU48N26-FFFHAZ	4GB	SS	N/A
CORSAIR	CMK16GX4M2A2666C16(Ver5.3	8GB	SS	N/A
ADATA	AX4U2666W4G16-BRZ	4GB	SS	N/A
ADATA	AX4U266638G16-DRZ	8GB	SS	N/A
ADATA	AX4U2666W8G16-QRZ	8GB	DS	N/A
CRUCIAL	BLS8G4D26BFSC.16FBR2	8GB	DS	N/A

CRUCIAL	BLS4G4D26BFSC.8FBR2	4GB	SS	N/A
CORSAIR	CMK128GX4M8A2666C16(Ver5.	16GB	DS	N/A
CORSAIR	CMR16GX4M2A2666C16(Ver5.3	8GB	SS	N/A
CORSAIR	CMK128GX4M8A2666C16(Ver5.	16GB	DS	N/A
CORSAIR	CMR64GX4M8A2666C16(Ver5.3	8GB	SS	N/A
HyperX	HX426C16FB2K4/64	16GB	DS	N/A
G.SKILL	F4-2666C16Q2-64GRB	8GB	SS	N/A
HyperX	HX426C15SBK8/128	16GB	DS	N/A
HyperX	HX426C13PB3/8	8GB	SS	N/A
HyperX	HX426C13PB3K2/16	8GB	SS	N/A
HyperX	HX424C12PB3/8	8GB	SS	N/A
HyperX	HX424C12PB3K2/16	8GB	SS	N/A
HyperX	HX424C12PB3K4/32	8GB	SS	N/A
HyperX	HX426C13PB3/16	16GB	DS	N/A
HyperX	HX426C13PB3K2/32	16GB	DS	N/A
HyperX	HX424C12PB3K4/64	16GB	DS	N/A
HyperX	HX424C12PB3/16	16GB	DS	N/A
HyperX	HX424C12PB3K2/32	16GB	DS	N/A
CRUCIAL	BLS8G4D26BFSC.8FBR	8GB	SS	N/A
CRUCIAL	BLS8G4D26BFSC.8FBD	8GB	SS	N/A
MICRON	MTA16ATF2G64AZ-2G6H1	16GB	DS	MICRON
MICRON	MTA8ATF1G64AZ-2G6H1	8GB	SS	MICRON
ADATA	AX4U266638G16-DRZ(XMP)	8GB		
ADATA	AX4U2666W4G16-BRZ(XMP)	4GB		
ADATA	AX4U2666W8G16-QRZ(XMP)	8GB		
CORSAIR	CMD128GX4M8A2666C15(Ver4. 31)(XMP)	16GB		
CORSAIR	CMD16GX4M2A2666C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD16GX4M4A2666C15(Ver4.2 3)(XMP)	4GB		
CORSAIR	CMD16GX4M4A2666C16(Ver4.2 3)(XMP)	4GB		
CORSAIR	CMD16GX4M4A2666C16(Ver5.2 9)(XMP)	4GB		
CORSAIR	CMD32GX4M4A2666C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD32GX4M4A2666C15(Ver5.2 9)(XMP)	8GB		
CORSAIR	CMD32GX4M4A2666C16(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD64GX4M8A2666C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD64GX4M8A2666C15(Ver4.2 4)(XMP)	8GB		
CORSAIR	CMD8GX4M2A2666C15(Ver4.23) (XMP)	4GB		
CORSAIR	CMK128GX4M8A2666C16(Ver5. 39)(XMP)	16GB		
CORSAIR	CMK16GX4M2A2666C16(Ver5.2 9)(XMP)	8GB		
CORSAIR	CMK16GX4M2A2666C16(Ver5.3 0)(XMP)	8GB		
CORSAIR	CMK16GX4M4A2666C15(Ver4.2 3)(XMP)	4GB		
CORSAIR	CMK16GX4M4A2666C15(Ver5.2 9)(XMP)	4GB		
CORSAIR	CMK16GX4M4A2666C16(Ver3.2 1)(XMP)	4GB		

CORSAIR	CMK16GX4M4A2666C16(Ver4.23)(XMP)	4GB
CORSAIR	CMK16GX4M4A2666C16(Ver5.29)(XMP)	4GB
CORSAIR	CMK32GX4M2A2666C16(Ver4.31)(XMP)	16GB
CORSAIR	CMK32GX4M2A2666C16R(Ver3.31)(XMP)	16GB
CORSAIR	CMK32GX4M4A2666C15(Ver4.23)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C15(Ver5.29)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C16(Ver3.20)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C16(Ver3.21)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C16(Ver5.29)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C16(Ver5.30)(XMP)	8GB
CORSAIR	CMK32GX4M4A2666C16R(Ver4.23)(XMP)	8GB
CORSAIR	CMK64GX4M4A2666C16(Ver3.31)(XMP)	16GB
CORSAIR	CMK64GX4M4A2666C16(Ver4.31)(XMP)	16GB
CORSAIR	CMR16GX4M2A2666C16(Ver5.30)(XMP)	8GB
CORSAIR	CMU32GX4M4A2666C16(Ver5.30)(XMP)	8GB
crucial	BLE4G4D26AFE.8FAD (XMP)	4GB
crucial	BLE8G4D26AFE.16FAD(XMP)	8GB
crucial	BLS16G4D26BFSC.16FBD(XMP)	16GB
crucial	BLS4G4D26BFSC.8FBR2(XMP)	4GB
crucial	BLS8G4D26BFSC.16FBR2(XMP)	8GB
crucial	BLT4G4D26AFTA.8FADG(XMP)	4GB
crucial	BLT4G4D26AFTA.8FADG(XMP)	4GB
crucial	BLT8G4D26AFTA.16FAD(XMP)	8GB
crucial	BLT8G4D26AFTA.16FAD(XMP)	8GB
G.SKILL	F4-2666C15Q-16GRR(XMP)	4GB
G.SKILL	F4-2666C15Q-16GVR	4GB
G.SKILL	F4-2666C15Q-16GVB	4GB
G.SKILL	F4-2666C15Q-16GVG	4GB
G.SKILL	F4-2666C15Q-16GVK	4GB
G.SKILL	F4-2666C15Q-16GVS	4GB
G.SKILL	F4-2666C15Q-16GRK	4GB
G.SKILL	F4-2666C15Q-16GRB	4GB
G.SKILL	F4-2666C15Q-32GRR(XMP)	8GB
G.SKILL	F4-2666C15Q-32GVR	8GB
G.SKILL	F4-2666C15Q-32GVB	8GB
G.SKILL	F4-2666C15Q-32GVG	8GB
G.SKILL	F4-2666C15Q-32GVK	8GB
G.SKILL	F4-2666C15Q-32GVS	8GB
G.SKILL	F4-2666C15Q-32GRK	8GB
G.SKILL	F4-2666C15Q-32GRB	8GB
G.SKILL	F4-2666C16Q2-128GVK(XMP)	16GB
G.SKILL	F4-2666C16Q2-128GVR	16GB
Hyper X	HX426C13PB3/16(XMP)	16GB
Hyper X	HX426C13PB3K2/32(XMP)	16GB
Hyper X	HX426C13PB3K4/64(XMP)	16GB

Hyper X	HX426C13SB2/4(XMP)	4GB
Hyper X	HX426C13SB2/8(XMP)	8GB
Hyper X	HX426C13SB2K2/16(XMP)	8GB
Hyper X	HX426C13SB2K2/8(XMP)	4GB
Hyper X	HX426C13SB2K4/16(XMP)	4GB
Hyper X	HX426C13SB2K4/32(XMP)	8GB
Hyper X	HX426C15FB/4	4GB
Hyper X	HX426C15FB/8	8GB
Hyper X	HX426C15FBK2/16	8GB
Hyper X	HX426C15FBK2/16	8GB
Hyper X	HX426C15FBK2/8	4GB
Hyper X	HX426C15FBK4/16	4GB
Hyper X	HX426C15FBK4/32	8GB
Hyper X	HX426C15FBK4/32	8GB
Hyper X	HX426C15SBK4/64(XMP)	16GB
Hyper X	HX426C16FB/16	16GB
Hyper X	HX426C16FB2/8(XMP)	8GB
Hyper X	HX426C16FB2K2/16(XMP)	8GB
Hyper X	HX426C16FB2K4/32(XMP)	8GB
Hyper X	HX426C16FBK2/32	16GB
Hyper X	HX426C16FBK4/64	16GB
Hyper X	HX426C16FBK4/64	16GB
Hyper X	HX426C16FBK4/64	16GB
Hyper X	HX426C16FW/16	16GB
Hyper X	HX426C16FWK2/32	16GB
Hyper X	HX426C16FWK4/64	16GB
Kingston	KVR26N19D8/16	16GB
Kingston	KVR26N19S8/8	8GB
Klevv	IM44GU48N26-FFFHAZ(XMP)	4GB
Klevv	KM4Z4GX1N-2666-15-15-15-35-1	4GB
Klevv	KM4Z4GX2N-2666-15-15-15-35-1	4GB
Klevv	KM4Z4GX4N-2666-15-15-15-35-1	4GB
Klevv	IM48GU88N26-FFFHMZ(XMP)	8GB
Klevv	KM4Z8GX1N-2666-15-15-15-35-1	8GB
Klevv	IM4AGU88N26-FFFHMZ(XMP)	16GB
Klevv	KM4Z16X1N-2666-15-15-15-35-0	16GB
Klevv	KM4Z16X2N-2666-15-15-15-35-0	16GB
Klevv	KM4Z16X4N-2666-15-15-15-35-0	16GB
Klevv	KM4C4GX4N-2666-15-15-15-35-0 (XMP)	4GB
Klevv	KM4C4GX4N-2666-15-15-15-35-1 (XMP)	4GB
Klevv	KM4C8GX4N-2666-15-15-15-35-0 (XMP)	8GB
Klevv	KM4C8GX4N-2666-15-15-15-35-1(XMP)	8GB
Team	TFRD416G2666C15BBK(XMP)	16GB
Team	TCD44G2666C15BBK(XMP)	4GB
Team	TLRED416G2666HC15BQC01	4GB
Team	TLGD416G2666HC15BQC01	4GB
Team	TDRED416G2666HC15BQC01	4GB
Team	TDGED416G2666HC15BQC01	4GB
Team	TLRED48G2666HC15BDC01	4GB
Team	TLGD48G2666HC15BDC01	4GB
Team	TDRED48G2666HC15BDC01	4GB
Team	TDGED48G2666HC15BDC01	4GB
Team	TFRD416G2666C15BBK(XMP)	16GB
Team	THRD464G2666HC15BQC01	16GB
Team	THWD464G2666HC15BQC01	16GB
Team	THBD464G2666HC15BQC01	16GB
Team	THRD432G2666HC15BDC01	16GB
Team	THWD432G2666HC15BDC01	16GB

Team	THBD432G2666HC15BDC01	16GB
Team	TFWD48G2666C15BBK(XMP)	8GB
Team	TLRED432G2666HC15BQC01	8GB
Team	TLGD432G2666HC15BQC01	8GB
Team	TDRED432G2666HC15BQC01	8GB
Team	TDGED432G2666HC15BQC01	8GB
Team	THRD432G2666HC15BQC01	8GB
Team	THWD432G2666HC15BQC01	8GB
Team	THBD432G2666HC15BQC01	8GB
Team	TLRED416G2666HC15BDC01	8GB
Team	TLGD416G2666HC15BDC01	8GB
Team	TDRED416G2666HC15BDC01	8GB
Team	TDGED416G2666HC15BDC01	8GB
Team	THRD416G2666HC15BDC01	8GB
Team	THWD416G2666HC15BDC01	8GB
Team	THBD416G2666HC15BDC01	8GB

DDR4 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
CORSAIR	CMK16GX4M4A2800C16(Ver5.2	4GB	SS	N/A
KINGSTON	HX428C14PB2K4/16	4GB	SS	N/A
PATRIOT	PX416G280C6QK	4GB	SS	N/A
PANRAM	PUD42800C164G4NJW	4GB	SS	N/A
MUSHKIN	994207F	4GB	SS	N/A
KINGSTON	HX428C14PBK4/32	8GB	DS	N/A
AVEXIR	AVD4UZ128001604G-4COB	4GB	SS	N/A
AVEXIR	AVD4UZ128001608G-4COB	8GB	DS	N/A
KINGSTON	HX428C14SB2K4/32	8GB	DS	N/A
KINGSTON	HX428C14SB2K4/16	4GB	SS	N/A
TEAM	TDGED48G2800HC16ABK	8GB	SS	N/A
PATRIOT	PV416G280C6QK	4GB	SS	N/A
ADATA	Digital Storm	8GB	DS	SK HYNIX
G.SKILL	F4-2800C16D-16GRR	8GB	SS	N/A
ADATA	AX4U280038G17-SBF	8GB	SS	N/A
ADATA	AX4U2800316G16-SBF	16GB	DS	N/A
CORSAIR	CMD32GX4M4A2800C16 (Ver5.20)	8GB	DS	N/A
G.SKILL	F4-2800C14Q-64GVK	16GB	DS	N/A
G.SKILL	F4-2800C16Q-32GVR	8GB	SS	N/A
AVEXIR	AVD4UZ128001504G-4BZ1RR	4GB	SS	N/A
AVEXIR	AVD4UZ128001508G-4BZ1RR	8GB	DS	N/A
CORSAIR	CMD16GX4M4A2800C16(Ver3.2	4GB	SS	N/A
CORSAIR	CMK64GX4M8B2800C14 (Ver4.24)	8GB	DS	N/A
TEAM	TFWD416G2800C16CBK	16G	DS	TEAM
TEAM	TFRD48G2800C16CBK	8G	DS	N/A
TEAM	TCD44G2800C16CBK	4GB	SS	TEAM
ADATA	AX4U2800W8G17-BRD	8GB	DS	N/A
G.SKILL	F4-2800C15Q-32GVR	8GB	SS	N/A
ADATA	AX4U2800W4G17-BRZ	4GB	SS	N/A
ADATA	AX4U280038G17-BWZ	8GB	SS	N/A
KINGMAX	GLMG42F-18KIIA CJBR4	8GB	SS	N/A
ADATA	AX4U2800316G16(XMP)	16GB		
ADATA	AX4U2800316G16-SBF(XMP)	16GB		
ADATA	AX4U280038G17-SBF(XMP)	8GB		
ADATA	AX4U2800W4G17-BRZ(XMP)	4GB		
ADATA	AX4U2800W8G15(XMP)	8GB		
ADATA	AX4U2800W8G17-BRD(XMP)	8GB		
ADATA	AX4U2800W8G17-BRZ(XMP)	8GB		

Apacer	78.BAGM8.AF20B(XMP)	4GB
Apacer	78.CAGM8.AF30B(XMP)	8GB
Apacer	AHU08GGB28CET6H (EK.16GAW.KFAK2)	8GB
Apacer	AHU08GGB28CEU6H (EK.16GAW.GFAK2)	8GB
Apacer	AHU08GGB28CEU5H (EK.16GAW.GFBK2)	8GB
CORSAIR	CMD16GX4M4A2800C16(Ver4.2 3)(XMP)	4GB
CORSAIR	CMD16GX4M4A2800C16(Ver5.2 9)(XMP)	4GB
CORSAIR	CMD32GX4M4A2800C15(Ver5.2 9)(XMP)	8GB
CORSAIR	CMD32GX4M4A2800C16(Ver5.2 9)(XMP)	8GB
CORSAIR	CMK16GX4M4A2800C16(Ver4.2 3)(XMP)	4GB
CORSAIR	CMK16GX4M4A2800C16(Ver5.2 9)(XMP)	4GB
CORSAIR	CMK32GX4M4A2800C16(Ver5.2 9)(XMP)	8GB
CORSAIR	CMK64GX4M8B2800C14(Ver4.2 4)(XMP)	8GB
G.SKILL	F4-2800C14Q-64GVK(XMP)	16GB
G.SKILL	F4-2800C15Q2-128GRKD(XMP)	16GB
G.SKILL	F4-2800C15Q2-64GRK(XMP)	8GB
G.SKILL	F4-2800C16Q-16GRK(XMP)	4GB
G.SKILL	F4-2800C16Q-16GRR(XMP)	4GB
G.SKILL	F4-2800C16Q-32GRK(XMP)	8GB
G.SKILL	F4-2800C16Q-32GRR(XMP)	8GB
G.SKILL	F4-2800C16Q-32GVB	8GB
G.SKILL	F4-2800C16Q-32GVK	8GB
G.SKILL	F4-2800C16Q-32GVG	8GB
G.SKILL	F4-2800C16Q-32GVS	8GB
GeIL	GPR416GB2800C16QC(XMP)	4GB
GeIL	GPR432GB2800C16QC(XMP)	8GB
Hyper X	HX428C14PBK8/64(XMP)	8GB
Hyper X	HX428C14SB2/4(XMP)	4GB
Hyper X	HX428C14SB2/8(XMP)	8GB
Hyper X	HX428C14SB2K2/16(XMP)	8GB
Hyper X	HX428C14SB2K2/8(XMP)	4GB
Hyper X	HX428C14SB2K4/16(XMP)	4GB
Hyper X	HX428C14SB2K4/32(XMP)	8GB
KINGMAX	GLMG42F-18KIIA-CJBR4(XMP)	8GB
Klevv	IMA451U6MFR8N- DG0(Ver1.05)(XMP)	4GB
NEO FORZA	NFMUD416E8-2800EB2A(XMP)	16GB
NEO FORZA	NFMUD416E8-2800EB3A(XMP)	16GB
NEO FORZA	NFMUD416E8-2800EC2A(XMP)	16GB
NEO FORZA	NFMUD416E8-2800EC3A(XMP)	16GB
NEO FORZA	NFMUD416E8-2800ED2A(XMP)	16GB
NEO FORZA	NFMUD416E8-2800EH2A(XMP)	16GB
NEO FORZA	NFMUD480E8-2800DB2A(XMP)	8GB
NEO FORZA	NFMUD480E8-2800DB3A(XMP)	8GB
NEO FORZA	NFMUD480E8-2800DC2A(XMP)	8GB
NEO FORZA	NFMUD480E8-2800DC3A(XMP)	8GB
NEO FORZA	NFMUD480E8-2800DD2A(XMP)	8GB
NEO FORZA	NFMUD480E8-2800DD3A(XMP)	8GB

NEO FORZA	NFMUD480E8-2800DH2A(XMP)	8GB
Team	TCD44G2800C16CBK(XMP)	4GB
Team	TLRED416G2800HC16CQC01	4GB
Team	TLGD416G2800HC16CQC01	4GB
Team	TDRED416G2800HC16CQC01	4GB
Team	TDGED416G2800HC16CQC01	4GB
Team	TLRED48G2800HC16CDC01	4GB
Team	TLGD48G2800HC16CDC01	4GB
Team	TDRED48G2800HC16CDC01	4GB
Team	TDGED48G2800HC16CDC01	4GB
Team	TFRD48G2800C16CBK(XMP)	8GB
Team	TLRED432G2800HC16CQC01	8GB
Team	TLGD432G2800HC16CQC01	8GB
Team	TDRED432G2800HC16CQC01	8GB
Team	TDGED432G2800HC16CQC01	8GB
Team	THRD432G2800HC16CQC01	8GB
Team	THWD432G2800HC16CQC01	8GB
Team	THBD432G2800HC16CQC01	8GB
Team	TLRED416G2800HC16CDC01	8GB
Team	TLGD416G2800HC16CDC01	8GB
Team	TDRED416G2800HC16CDC01	8GB
Team	TDGED416G2800HC16CDC01	8GB
Team	THRD416G2800HC16CDC01	8GB
Team	THWD416G2800HC16CDC01	8GB
Team	THBD416G2800HC16CDC01	8GB
Team	TFWD416G2800C16CBK(XMP)	16GB

DDR4 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
CORSAIR	CMD32GX4M2B3000C15(Ver4.3	16GB	DS	N/A
KINGSTON	HX430C15PB2K4/16	4GB	SS	N/A
PANRAM	PUD43000C154G4NJW	4GB	SS	N/A
KINGSTON	HX430C15PBK4/32	8GB	DS	N/A
KINGSTON	HX430C15SB2K4/32	8GB	DS	N/A
AVEXIR	AVD4UZ130001604G-4COB	4GB	SS	N/A
AVEXIR	AVD4UZ130001608G-4COB	8GB	DS	N/A
KINGSTON	HX430C16PBK4/64	16GB	DS	N/A
KINGSTON	HX430C15SBK2/16	8GB	DS	N/A
KLEVV	IM44GU48A30-GIIHMC	4GB	SS	N/A
CORSAIR	CMK16GX4M2B3000C15(Ver4.2	8GB	DS	N/A
KINGSTON	HX430C15SB2K4/16	4GB	SS	N/A
TEAM	TDGED48G3000HC16ABK	8GB	DS	N/A
PATRIOT	PV416G300C6QK	4GB	SS	N/A
G.SKILL	F4-3000C15D-32GVR	16GB	DS	N/A
CORSAIR	CMK64GX4M4B3000C15(Ver4.3	16GB	DS	N/A
TEAM	TCD48G300C16ABK	8GB	SS	Skhymix
ADATA	AX4U300038G16-DBZ	8GB	DS	N/A
ADATA	AX4U3000316G16-BGZ	16GB	DS	N/A
CORSAIR	CMD16GX4M4B3000C15(Ver4.2	4GB	SS	N/A
CORSAIR	CMK32GX4M2B3000C15(Ver5.3	16GB	DS	N/A
CORSAIR	CMU16GX4M2C3000C15(Ver4.3	8GB	SS	N/A
CORSAIR	CMK16GX4M4B3000C15(Ver3.2	4GB	SS	N/A
G.SKILL	F4-3000C15Q-32GRK(XMP)	8GB	DS	N/A
CORSAIR	CMK8GX4M2B3000C15(Ver3.21)	4GB	SS	N/A
CORSAIR	CMU32GX4M4C3000C15(Ver5.3)	8GB	DS	N/A
GEIL	GFR416GB3000C15ADC	8GB	SS	N/A
TEAM	TFWD416G3000C16CBK	16G	DS	TEAM
TEAM	TFRD48G3000C16CBK	8GB	DS	N/A
TEAM	TCD44G3000C16CBK	4GB	SS	TEAM
Klevv	IM4AGU88A30-FGGHMZ	16GB	DS	N/A

Klevv	IM48GU88A30-FGGHMZ	8GB	SS	N/A
Klevv	IM44GU48A30-FGGHAZ	4GB	SS	N/A
Klevv	IM48GU88A30-FGGHMB	8GB	SS	N/A
Klevv	IM44GU48A30-FGGHAB	4GB	SS	N/A
Klevv	IM4AGU88A30-FGGHMB	16GB	DS	N/A
G.SKILL	F4-3000C16D-16GISB	8GB	SS	N/A
CORSAIR	CMD16GX4M2B3000C15(Ver5.3	8GB	SS	N/A
CORSAIR	CMD32GX4M4C3000C15(Ver5.3	8GB	SS	N/A
NEO FORZA	NFMUD416E8-3000DH2A	16GB	DS	N/A
NEO FORZA	NFMUD480E8-3000DH2A	8GB	SS	N/A
CORSAIR	CMR16GX4M2C3000C15(Ver4.3	8GB	SS	N/A
CORSAIR	CMR32GX4M4C3000C15	8GB	DS	N/A
Team	TDRRD48G3000HC16CBK	8GB	DS	N/A
Team	TDRGD48G3000HC16CBK	8GB	DS	N/A
GALAXY	HOF DDR4-3000	8GB	SS	N/A
GeIL	GLR416GB3000C15ADC	8GB	SS	N/A
G.SKILL	F4-3000C15S-16GVR	16GB	DS	N/A
NEO FORZA	NMUD416E82-3000DB30	16GB	DS	N/A
NEO FORZA	NMUD480E82-3000DB30	8GB	SS	N/A
PATRIOT	PV432G300C6QK	8GB	SS	N/A
HyperX	HX430C15PB3K4/32	8GB	SS	N/A
CRUCIAL	BLT8G4D30AETA.K16FE	8GB	DS	N/A
PATRIOT	PVE416G300C6KBL	8GB	SS	N/A
PATRIOT	PVE48G300C6KRD	4GB	SS	N/A
G.SKILL	F4-3000C14Q2-128GVKD	16GB	DS	N/A
Team	TF3D48G3000HC16CBK	8GB	SS	N/A
Team	TF4D48G3000HC16CBK	8GB	SS	N/A
GALAXY	N/A	8GB	SS	N/A
TIGO	TMKU8GF58-3000X	8GB	DS	N/A
ADATA	AX4U3000W4G16-BWZ(XMP)	4GB		
ADATA	AX4U3000W8G16-BWZ(XMP)	8GB		
Apacer	EK.16GAW.KFBK2(XMP)	8GB		
Apacer	AHU08GGB30CDG6H (EK.16GAZ.GEAK2)	8GB		
Apacer	AHU08GGB30CDU5H (EK.16GAZ.GEBK2)	8GB		
CORSAIR	CMD16GX4M2B3000C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD16GX4M4B3000C15(Ver4.2 3)(XMP)	4GB		
CORSAIR	CMD16GX4M4B3000C15(Ver5.2 9)(XMP)	4GB		
CORSAIR	CMD32GX4M2B3000C15(Ver5.3 9)(XMP)	16GB		
CORSAIR	CMD32GX4M4B3000C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMD32GX4M4C3000C15(Ver3.3 2)(XMP)	8GB		
CORSAIR	CMK16GX4M1B3000C15(Ver3.3 2)(XMP)	16GB		
CORSAIR	CMK16GX4M2B3000C15(Ver3.3 2)(XMP)	8GB		
CORSAIR	CMK16GX4M2B3000C15(Ver4.2 3)(XMP)	8GB		
CORSAIR	CMK16GX4M2B3000C15(Ver5.3 0)(XMP)	8GB		
CORSAIR	CMK16GX4M4B3000C15(Ver5.2 9)(XMP)	4GB		

CORSAIR	CMK32GX4M2B3000C15(Ver4.3 1)(XMP)	16GB
CORSAIR	CMK32GX4M4B3000C15(Ver4.2 4)(XMP)	8GB
CORSAIR	CMK32GX4M4B3000C15(Ver5.2 9)(XMP)	8GB
CORSAIR	CMK8GX4M2B3000C15(Ver4.23) (XMP)	4GB
CORSAIR	CMR16GX4M2C3000C15(Ver5.3 0)(XMP)	8GB
CORSAIR	CMR32GX4M4C3000C15(Ver3.3 2)(XMP)	8GB
CORSAIR	CMR32GX4M4C3000C15(Ver4.3 1)(XMP)	8GB
CORSAIR	CMU16GX4M2C3000C15(Ver3.2 1)(XMP)	8GB
crucial	BLE4G4D30AEEA.K8FE(XMP)	4GB
crucial	BLE8G4D30AEEA.K16FE(XMP)	8GB
crucial	BLT4G4D30AETA.K8FE(XMP)	4GB
G.SKILL	F4-3000C14Q2-128GVK(XMP)	16GB
G.SKILL	F4-3000C15D-8GTZB(XMP)	4GB
G.SKILL	F4-3000C15Q-16GRK(XMP)	4GB
G.SKILL	F4-3000C15Q-16GRR(XMP)	4GB
G.SKILL	F4-3000C16Q2-128GVKB(XMP)	16GB
GeIL	GLR416GB3000C15ADC(XMP)	8GB
GeIL	GLR416GB3000C16QC(XMP)	4GB
GeIL	GWW416GB3000C15DC(XMP)	8GB
Hyper X	HX430C15PB2K4/16(XMP)	4GB
Hyper X	HX430C15PB3K2/16(XMP)	8GB
Hyper X	HX430C15PB3K2/32(XMP)	16GB
Hyper X	HX430C15PB3K2/8(XMP)	4GB
Hyper X	HX430C15PB3K4/16(XMP)	4GB
Hyper X	HX430C15PB3K4/64(XMP)	16GB
Hyper X	HX430C15PB3K8/128(XMP)	16GB
Hyper X	HX430C15PBK4/32(XMP)	8GB
Hyper X	HX430C15SB2/4(XMP)	4GB
Hyper X	HX430C15SB2K2/8(XMP)	4GB
Hyper X	HX430C15SB2K4/16(XMP)	4GB
Hyper X	HX430C15SB2K4/32(XMP)	8GB
Hyper X	HX430C15SBK2/16(XMP)	8GB
Hyper X	HX430C16PBK4/64(XMP)	16GB
Klevv	IM44GU48N30-FFFHAB(XMP)	4GB
Klevv	IM48GU48A30-GIIHMC(XMP)	8GB
Klevv	IM48GU88N30-FFFHMB(XMP)	8GB
Klevv	IM4AGU88N30-FFFHMB(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DB2A(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DB3A(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DC2A(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DC3A(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DD2A(XMP)	16GB
NEO FORZA	NFMUD416E8-3000DD3A(XMP)	16GB
NEO FORZA	NFMUD480E8-3000DB2A(XMP)	8GB
NEO FORZA	NFMUD480E8-3000DB3A(XMP)	8GB
NEO FORZA	NFMUD480E8-3000DC2A(XMP)	8GB
NEO FORZA	NFMUD480E8-3000DC3A(XMP)	8GB
NEO FORZA	NFMUD480E8-3000DD2A(XMP)	8GB
NEO FORZA	NFMUD480E8-3000DD3A(XMP)	8GB
PATRIOT	PV416G300C6K	8GB
PATRIOT	PV48G300C6K	4GB
Team	TLRED416G3000HC16CQC01	4GB
Team	TLGD416G3000HC16CQC01	4GB

Team	TDRED416G3000HC16CQC01	4GB
Team	TDGED416G3000HC16CQC01	4GB
Team	TLRED48G3000HC16CDC01	4GB
Team	TLGD48G3000HC16CDC01	4GB
Team	TDRED48G3000HC16CDC01	4GB
Team	TDGED48G3000HC16CDC01	4GB
Team	TLRED432G3000HC16CQC01	8GB
Team	TLGD432G3000HC16CQC01	8GB
Team	TDRED432G3000HC16CQC01	8GB
Team	TDGED432G3000HC16CQC01	8GB
Team	TDPRD432G3000HC16CQC01	8GB
Team	TDPGD432G3000HC16CQC01	8GB
Team	THRD432G3000HC16CQC01	8GB
Team	THWD432G3000HC16CQC01	8GB
Team	THBD432G3000HC16CQC01	8GB
Team	TDTRD432G3000HC16CQC01	8GB
Team	TDTWD432G3000HC16CQC01	8GB
Team	TDTBD432G3000HC16CQC01	8GB
Team	TLRED416G3000HC16CDC01	8GB
Team	TLGD416G3000HC16CDC01	8GB
Team	TDRED416G3000HC16CDC01	8GB
Team	TDGED416G3000HC16CDC01	8GB
Team	TDPRD416G3000HC16CDC01	8GB
Team	TDPGD416G3000HC16CDC01	8GB
Team	THRD416G3000HC16CDC01	8GB
Team	THWD416G3000HC16CDC01	8GB
Team	THBD416G3000HC16CDC01	8GB
Team	TDTRD416G3000HC16CDC01	8GB
Team	TDTWD416G3000HC16CDC01	8GB
Team	TDTBD416G3000HC16CDC01	8GB
Team	TDPRD464G3000HC16CQC01	16G
Team	TDPGD464G3000HC16CQC01	16G
Team	THRD464G3000HC16CQC01	16G
Team	THWD464G3000HC16CQC01	16G
Team	THBD464G3000HC16CQC01	16G
Team	TDTRD464G3000HC16CQC01	16G
Team	TDTWD464G3000HC16CQC01	16G
Team	TDTBD464G3000HC16CQC01	16G
Team	TDPRD432G3000HC16CDC01	16G
Team	TDPGD432G3000HC16CDC01	16G
Team	THRD432G3000HC16CDC01	16G
Team	THWD432G3000HC16CDC01	16G
Team	THBD432G3000HC16CDC01	16G
Team	TDTRD432G3000HC16CDC01	16G
Team	TDTWD432G3000HC16CDC01	16G
Team	TDTBD432G3000HC16CDC01	16G
V-color	TL48G30S816RGB(XMP)	8GB

DDR4 3200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
MUSHKIN	997202F	4GB	SS	N/A
G.SKILL	F4-3200C16D-8GVKB	4GB	SS	N/A
PATRIOT	PV48G320C6K	4GB	SS	N/A
HyperX	HX432C16PB3K4/32	8GB	SS	N/A
ADATA	AX4U3200W8G16-BGZ		DS	N/A
G.SKILL	F4-3200C16D-16GTZR	8GB	SS	N/A
CORSAIR	CMD16GX4M2B3200C16(Ver3.2	16G	DS	N/A
TIGO	TMKU8GF58-3200X	8GB	DS	N/A
G.SKILL	F4-3200C14Q-32GFX	8GB	SS	N/A
CORSAIR	CMK64GX4M8B3200C16(Ver4.3	16G	DS	N/A

Team	TF1D48G3200HC16CBK	8GB	SS	N/A
Team	TF2D48G3200HC16CBK	8GB	SS	N/A
G.SKILL	F4-3200C16Q-32GTZR	8GB	SS	N/A
CORSAIR	CMK64GX4M8B3200C16(Ver4.3	8GB	DS	N/A
G.SKILL	F4-3200C16D-16GTZ	8GB	DS	N/A
G.SKILL	F4-3200C16S-8GRKB	8GB	SS	N/A
G.SKILL	F4-3200C16D-8GRK	4GB	SS	
G.SKILL	F4-3200C16D-8GTZ	4GB	SS	
G.SKILL	F4-3200C16D-8GVK	4GB	SS	
G.SKILL	F4-3200C16Q-16GRR	4GB	SS	
G.SKILL	F4-3200C16Q-16GRB	4GB	SS	
G.SKILL	F4-3200C16Q-16GRKD	4GB	SS	
G.SKILL	F4-3200C16Q-16GTZ	4GB	SS	
G.SKILL	F4-3200C16Q-16GVK	4GB	SS	
G.SKILL	F4-3200C16D-16GRK	8GB	DS	
G.SKILL	F4-3200C16D-16GVR	8GB	DS	
G.SKILL	F4-3200C16D-16GVK	8GB	DS	
G.SKILL	F4-3200C16D-16GVS	8GB	DS	
G.SKILL	F4-3200C16D-16GVKB	8GB	SS	
G.SKILL	F4-3200C16D-16GVGB	8GB	SS	
G.SKILL	F4-3200C16D-16GTZLG	8GB	SS	
G.SKILL	F4-3200C16D-16GTZLO	8GB	SS	
G.SKILL	F4-3200C16D-16GTZB	8GB	SS	
G.SKILL	F4-3200C16D-16GTZKW	8GB	SS	
G.SKILL	F4-3200C16D-16GTZKY	8GB	SS	
G.SKILL	F4-3200C16D-6GTZKO	8GB	SS	
G.SKILL	F4-3200C16D-16GTZSW	8GB	SS	
G.SKILL	F4-3200C16D-16GTZSK	8GB	SS	
G.SKILL	F4-3200C15D-16GVR	8GB	SS	
G.SKILL	F4-3200C15D-16GVK	8GB	SS	
G.SKILL	F4-3200C15D-16GTZ	8GB	SS	
G.SKILL	F4-3200C15D-16GTZKW	8GB	SS	
G.SKILL	F4-3200C15D-16GTZKY	8GB	SS	
G.SKILL	F4-3200C15D-6GTZKO	8GB	SS	
G.SKILL	F4-3200C15D-16GTZSW	8GB	SS	
G.SKILL	F4-3200C15D-16GTZSK	8GB	SS	
G.SKILL	F4-3200C14D-16GVR	8GB	SS	
G.SKILL	F4-3200C14D-16GVK	8GB	SS	
G.SKILL	F4-3200C14D-16GTZ	8GB	SS	
G.SKILL	F4-3200C14D-16GTZKW	8GB	SS	
G.SKILL	F4-3200C14D-16GTZKY	8GB	SS	
G.SKILL	F4-3200C14D-6GTZKO	8GB	SS	
G.SKILL	F4-3200C14D-16GTZSW	8GB	SS	
G.SKILL	F4-3200C14D-16GTZSK	8GB	SS	
G.SKILL	F4-3200C15D-32GRK	16GB	DS	
G.SKILL	F4-3200C15D-32GTZ	16GB	DS	
G.SKILL	F4-3200C15D-32GVK	16GB	DS	
G.SKILL	F4-3200C15D-32GVR	16GB	DS	
G.SKILL	F4-3200C16D-32GRK	16GB	DS	
G.SKILL	F4-3200C16D-32GTZA	16GB	DS	
G.SKILL	F4-3200C16D-32GVK	16GB	DS	
G.SKILL	F4-3200C16D-32GVKA	16GB	DS	
G.SKILL	F4-3200C16D-32GTZ	16GB	DS	
G.SKILL	F4-3200C16D-32GTZKW	16GB	DS	
G.SKILL	F4-3200C16D-32GTZKY	16GB	DS	
G.SKILL	F4-3200C16D-32GTZKO	16GB	DS	
G.SKILL	F4-3200C16D-32GTZSW	16GB	DS	
G.SKILL	F4-3200C16D-32GTZSK	16GB	DS	
G.SKILL	F4-3200C15D-32GTZ	16GB	DS	
G.SKILL	F4-3200C15D-32GTZKW	16GB	DS	
G.SKILL	F4-3200C15D-32GTZKY	16GB	DS	

G.SKILL	F4-3200C15D-32GTZKO	16GB	DS
G.SKILL	F4-3200C15D-32GTZSW	16GB	DS
G.SKILL	F4-3200C15D-32GTZSK	16GB	DS
G.SKILL	F4-3200C14D-32GVR	16GB	DS
G.SKILL	F4-3200C14D-32GVK	16GB	DS
G.SKILL	F4-3200C14D-32GTZ	16GB	DS
G.SKILL	F4-3200C14D-32GTZKW	16GB	DS
G.SKILL	F4-3200C14D-32GTZKY	16GB	DS
G.SKILL	F4-3200C14D-32GTZKO	16GB	DS
G.SKILL	F4-3200C14D-32GTZSW	16GB	DS
G.SKILL	F4-3200C14D-32GTZSK	16GB	DS
G.SKILL	F4-3200C16D-32GVK	16GB	DS
G.SKILL	F4-3200C16Q-32GRK	8GB	DS
G.SKILL	F4-3200C16Q-32GVK	8GB	DS
G.SKILL	F4-3200C16Q-32GVKB	8GB	SS
G.SKILL	F4-3200C16Q-32GTZB	8GB	SS
G.SKILL	F4-3200C16Q-32GTZKW	8GB	SS
G.SKILL	F4-3200C16Q-32GTZKY	8GB	SS
G.SKILL	F4-3200C16Q-32GTZKO	8GB	SS
G.SKILL	F4-3200C16Q-32GTZSW	8GB	SS
G.SKILL	F4-3200C16Q-32GTZSK	8GB	SS
G.SKILL	F4-3200C15Q-32GVR	8GB	SS
G.SKILL	F4-3200C15Q-32GVK	8GB	SS
G.SKILL	F4-3200C15Q-32GTZ	8GB	SS
G.SKILL	F4-3200C15Q-32GTZSW	8GB	SS
G.SKILL	F4-3200C14Q-32GVR	8GB	SS
G.SKILL	F4-3200C14Q-32GVK	8GB	SS
G.SKILL	F4-3200C14Q-32GTZ	8GB	SS
G.SKILL	F4-3200C14Q-32GTZSW	8GB	SS
G.SKILL	F4-3200C16Q-32GVK	8GB	DS
G.SKILL	F4-3200C14Q-32GTZR	8GB	SS
G.SKILL	F4-3200C16Q-64GRK	16GB	DS
G.SKILL	F4-3200C16Q-64GVK	16GB	DS
G.SKILL	F4-3200C16Q-64GTZ	16GB	DS
G.SKILL	F4-3200C16Q-64GTZKW	16GB	DS
G.SKILL	F4-3200C16Q-64GTZKY	16GB	DS
G.SKILL	F4-3200C16Q-64GTZKO	16GB	DS
G.SKILL	F4-3200C16Q-64GTZSW	16GB	DS
G.SKILL	F4-3200C16Q-64GTZSK	16GB	DS
G.SKILL	F4-3200C15Q-64GVR	16GB	DS
G.SKILL	F4-3200C15Q-64GVK	16GB	DS
G.SKILL	F4-3200C15Q-64GTZ	16GB	DS
G.SKILL	F4-3200C15Q-64GTZSW	16GB	DS
G.SKILL	F4-3200C14Q-64GVR	16GB	DS
G.SKILL	F4-3200C14Q-64GVK	16GB	DS
G.SKILL	F4-3200C14Q-64GTZ	16GB	DS
G.SKILL	F4-3200C14Q-64GTZSW	16GB	DS
G.SKILL	F4-3200C16Q-64GVK	16GB	DS
G.SKILL	F4-3200C14Q-64GVR	16GB	DS
G.SKILL	F4-3200C14Q-64GTZR	16GB	DS
G.SKILL	F4-3200C15Q-64GTZR	16GB	DS
CORSAIR	CMK8GX4M2B3200C16 ver4.24	4GB	SS
CORSAIR	CMD8GX4M2B3200C16 ver4.24	4GB	SS
CORSAIR	CMD8GX4M2B3200C14 ver4.24	4GB	SS
CORSAIR	CMU16GX4M2C3200C16	8GB	DS
CORSAIR	CMU16GX4M2C3200C16	8GB	SS
CORSAIR	CMK16GX4M2B3200C16	8GB	SS
CORSAIR	CMK16GX4M2B3200C16	8GB	DS
CORSAIR	CMK16GX4M2B3200C14	8GB	DS
CORSAIR	CMR16GX4M2C3200C16	8GB	SS
CORSAIR	CMR16GX4M2D3200C16	8GB	SS

CORSAIR	CMD16GX4M4B3200C15	4GB	SS
CORSAIR	CMD16GX4M4B3200C16	4GB	SS
CORSAIR	CMD16GX4M4B3200C14	4GB	SS
CORSAIR	CMK16GX4M4B3200C16	4GB	SS
CORSAIR	CMK16GX4M4B3200C15	4GB	SS
CORSAIR	CMK16GX4M4C3200C15	4GB	SS
CORSAIR	CMK16GX4M4B3200C14	4GB	SS
CORSAIR	CMD32GX4M2B3200C16	16GB	DS
CORSAIR	CMD32GX4M2C3200C16C	16GB	DS
CORSAIR	CMU32GX4M2C3200C16	16GB	DS
CORSAIR	CMU32GX4M2C3200C16	16GB	DS
CORSAIR	CMR32GX4M2C3200C16	16GB	DS
CORSAIR	CMK32GX4M2B3200C16	16GB	DS
CORSAIR	CMK32GX4M2B3200C14	16GB	DS
CORSAIR	CMK32GX4M2B3200C16	8GB	DS
CORSAIR	CMD32GX4M4C3200C14C	8GB	SS
CORSAIR	CMD32GX4M4B3200C16	8GB	DS
CORSAIR	CMD32GX4M2C3200C16	8GB	DS
CORSAIR	CMK32GX4M4B3200C16	8GB	SS
CORSAIR	CMK32GX4M4B3200C16	8GB	DS
CORSAIR	CMK32GX4M4B3200C14	8GB	DS
CORSAIR	CMK32GX4M4D3200C16	8GB	SS
CORSAIR	CMU32GX4M4C3200C16	8GB	SS
CORSAIR	CMU32GX4M4C3200C16	8GB	SS
CORSAIR	CMR32GX4M4C3200C16	8GB	SS
CORSAIR	CMR32GX4M4D3200C16	8GB	SS
CORSAIR	CMD64GX4M4B3200C16	16GB	DS
CORSAIR	CMD64GX4M4C3200C16	16GB	DS
CORSAIR	CMK64GX4M4B3200C16	16GB	DS
CORSAIR	CMK64GX4M4B3200C16	16GB	DS
CORSAIR	CMU64GX4M4B3200C16	16GB	DS
CORSAIR	CMU64GX4M4B3200C16	16GB	DS
CORSAIR	CMR64GX4M4C3200C16	16GB	DS
CORSAIR	CMR64GX4M4C3200C16	16GB	DS
KINGSTON	HX432C16PB3K4/16	4GB	SS
KINGSTON	HX432C16PB3K4/32	8GB	SS
GEIL	GEX416GB3200C16DC	8GB	SS
APACER	AHU08GGB32CDU5H(EK.16GA1 .GEBK2)	8GB	SS
APACER	AHU08GGB32CDU6H(EK.16GA1 .GEAK2)	8GB	SS
APACER	AHU16GGB32CDU5H(EK.32GA1 .GEBK2)	16GB	DS
APACER	AHU16GGB32CDU6H(EK.32GA1 .GEAK2)	16GB	DS
FORZA	NFMUD480E8-3200DH2A	8GB	SS
ADATA	AX4U320038G16-BRS	8GB	SS
TEAMGROUP	TF1D416G3200HC16CDC01	8GB	SS
TEAMGROUP	TF2D416G3200HC16CDC01	8GB	SS
SUPERTALEN	F3200UB4G	4GB	SS
SUPERTALEN	F3200UB16G	16GB	DS
PATRIOT	PV416G320C6K	8GB	SS
PATRIOT	PVE416G320C6KGY	8GB	SS
PATRIOT	PV432G320C6K	16GB	SS
KLEVV	IM48GU88A32-GIIEZ	32GB(8GB*4)	DS
APACER	AHU08GGB32CKU7M	8GB	SS
Hyper X	HX432C18FBK2/16	16GB(8GB*2)	SS
Hyper X	HX432C18FBK2/32	32GB(16GB*2)	DS
KINGMAX	GZOG43F-18SIGP	8GB	SS
ZADAK	ZD4-SHA3200C16-08GAS	8GB	SS
V-COLOR	TL48G32S8CRGB16	8GB	SS

DDR4 3300 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
ADATA	AX4U3333W4G16-QGZ	8GB	SS	N/A
G.SKILL	F4-3300C16Q-16GRKD	4GB	SS	N/A
G.SKILL	F4-3333C16Q-16GRKD	4GB	SS	
G.SKILL	F4-3333C16D-16GVR	8GB	SS	
G.SKILL	F4-3333C16D-16GVK	8GB	SS	
G.SKILL	F4-3333C16D-16GTZ	8GB	SS	
G.SKILL	F4-3333C16D-16GTZB	8GB	SS	
G.SKILL	F4-3333C16D-16GTZKW	8GB	SS	
G.SKILL	F4-3333C16D-16GTZSW	8GB	SS	
G.SKILL	F4-3333C16D-16GTZSK	8GB	SS	
G.SKILL	F4-3333C16Q-32GVR	8GB	SS	
G.SKILL	F4-3333C16Q-32GVK	8GB	SS	
G.SKILL	F4-3333C16Q-32GTZ	8GB	SS	
G.SKILL	F4-3333C16Q-32GTZB	8GB	SS	
G.SKILL	F4-3333C16Q-32GTZSW	8GB	SS	
G.SKILL	F4-3333C16D-32GVR	16GB	DS	
G.SKILL	F4-3333C16D-32GVK	16GB	DS	
G.SKILL	F4-3333C16D-32GTZ	16GB	DS	
G.SKILL	F4-3333C16D-32GTZB	16GB	DS	
G.SKILL	F4-3333C16D-32GTZKW	16GB	DS	
G.SKILL	F4-3333C16D-32GTZSW	16GB	DS	
G.SKILL	F4-3333C16D-32GTZSK	16GB	DS	
G.SKILL	F4-3333C16Q-64GVR	16GB	DS	
G.SKILL	F4-3333C16Q-64GVK	16GB	DS	
G.SKILL	F4-3333C16Q-64GTZ	16GB	DS	
G.SKILL	F4-3333C16Q-64GTZB	16GB	DS	
G.SKILL	F4-3333C16Q-64GTZSW	16GB	DS	
CORSAIR	CMD16GX4M2B3333C16	8GB	SS	
CORSAIR	CMK16GX4M2C3333C16	8GB	SS	
CORSAIR	CMK16GX4M2B3333C16	8GB	DS	
CORSAIR	CMD16GX4M4B3333C16	4GB	SS	
CORSAIR	CMK16GX4M4B3333C16	4GB	SS	
CORSAIR	CMK16GX4M4B3333C16R	4GB	SS	
CORSAIR	CMD32GX4M2B3333C16	16GB	DS	
CORSAIR	CMD32GX4M4B3333C16	8GB	SS	
CORSAIR	CMR32GX4M2C3333C16	16GB	DS	
CORSAIR	CMR32GX4M4C3333C16	8GB	SS	
CORSAIR	CMK32GX4M2B3333C16	8GB	DS	
CORSAIR	CMK32GX4M4B3333C16	8GB	SS	
CORSAIR	CMD64GX4M4B3333C16	16GB	DS	
CORSAIR	CMR64GX4M4C3333C16	16GB	DS	
CORSAIR	CMK64GX4M4B3333C16	16GB	DS	
CORSAIR	CMK64GX4M4B3333C16R	16GB	DS	
A-DATA	AX4U3333W4G16	4GB	SS	
KINGSTON	HX433C16PB3K4/32	8GB	SS	
KINGSTON	HX433C16PB3K2/16	8GB	SS	

DDR4 3400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
CORSAIR	CMU32GX4M4C3400C16R (Ver5.20)	8GB	SS	N/A
G.SKILL	F4-3466C16Q2-64GTZ	8GB	SS	N/A
G.SKILL	F4-3400C16D-16GRK	8GB	DS	
G.SKILL	F4-3400C16D-16GTZ	8GB	DS	

G.SKILL	F4-3400C16D-16GVK	8GB	DS
G.SKILL	F4-3400C16D-32GRK	16GB	DS
G.SKILL	F4-3400C16D-32GVR	16GB	DS
G.SKILL	F4-3400C16D-32GVK	16GB	DS
G.SKILL	F4-3400C16D-32GTZ	16GB	DS
G.SKILL	F4-3400C16D-32GVK	16GB	DS
G.SKILL	F4-3400C16Q-16GRBD	4GB	SS
G.SKILL	F4-3400C16Q-16GRKD	4GB	SS
G.SKILL	F4-3400C16Q-16GRBD	4GB	SS
G.SKILL	F4-3400C16Q-32GRK	8GB	DS
G.SKILL	F4-3400C16Q-32GVK	8GB	DS
G.SKILL	F4-3400C16Q-32GTZ	8GB	DS
G.SKILL	F4-3400C16Q-32GTZSW	8GB	DS
G.SKILL	F4-3400C16Q-32GVK	8GB	DS
G.SKILL	F4-3400C16Q-64GRK	16GB	DS
G.SKILL	F4-3400C16Q-64GVR	16GB	DS
G.SKILL	F4-3400C16Q-64GVK	16GB	DS
G.SKILL	F4-3400C16Q-64GTZ	16GB	DS
G.SKILL	F4-3400C16Q-64GVK	16GB	DS
CORSAIR	CMD16GX4M4B3400C16 ver.	4GB	SS
CORSAIR	CMR16GX4M2C3400C16 ver.	8GB	SS
CORSAIR	CMK16GX4M4B3400C16 ver.	4GB	SS
CORSAIR	CMK16GX4M2B3400C16 ver.	8GB	DS
CORSAIR	CMR32GX4M4C3400C16 ver.	8GB	SS
CORSAIR	CMU32GX4M4B3400C16 ver.	8GB	SS
CORSAIR	CMU32GX4M4C3400C16 ver.	8GB	SS
CORSAIR	CMU32GX4M4B3400C16R ver.	8GB	SS
CORSAIR	CMU32GX4M4C3400C16R ver.	8GB	SS
CORSAIR	CMK32GX4M4B3400C16 ver.	8GB	DS
CORSAIR	CMK32GX4M4C3400C16 ver.	8GB	DS
CORSAIR	CMK32GX4M4C3400C16R ver.	8GB	DS
PATRIOT	PV48G340C6K	4GB	SS
PATRIOT	PV416G340C6K	8GB	SS
BTM	J4AGUH1G8UJBC	16GB	DS

DDR4 3466 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
CORSAIR	CMD16GX4M4B3466C18 (Ver4.23)	16GB (4GB*4)	SS	N/A
G.SKILL	F4-3466C16Q2-64GTZ	8GB	SS	N/A
G.SKILL	F4-3466C16D-8GRK	4GB	SS	
G.SKILL	F4-3466C16D-8GTZ	4GB	SS	
G.SKILL	F4-3466C16D-8GVK	4GB	SS	
G.SKILL	F4-3466C16Q-16GRK	4GB	SS	
G.SKILL	F4-3466C16D-16GVR	8GB	SS	
G.SKILL	F4-3466C16D-16GVK	8GB	SS	
G.SKILL	F4-3466C16D-16GTZ	8GB	SS	
G.SKILL	F4-3466C16D-16GTZKW	8GB	SS	
G.SKILL	F4-3466C16D-16GTZSW	8GB	SS	
G.SKILL	F4-3466C16D-16GTZSK	8GB	SS	
G.SKILL	F4-3466C16Q-16GVK	4GB	SS	
G.SKILL	F4-3466C16Q-32GVR	8GB	SS	
G.SKILL	F4-3466C16Q-32GVK	8GB	SS	
G.SKILL	F4-3466C16Q-32GTZ	8GB	SS	
G.SKILL	F4-3466C16Q-32GTZSW	8GB	SS	
G.SKILL	F4-3466C16Q-64GTZ	16GB	DS	
G.SKILL	F4-3466C16Q-64GTZSW	16GB	DS	
G.SKILL	F4-3466C16Q-64GTZR	16GB	DS	

CORSAIR	CMD16GX4M2B3466C16	8GB	SS
CORSAIR	CMK16GX4M2B3466C16	8GB	SS
CORSAIR	CMK16GX4M2B3466C16R	8GB	SS
CORSAIR	CMR16GX4M2C3466C16	8GB	SS
CORSAIR	CMD16GX4M4B3466C16	4GB	SS
CORSAIR	CMK16GX4M4B3466C16	4GB	SS
CORSAIR	CMK16GX4M4B3466C16R	4GB	SS
CORSAIR	CMD32GX4M4B3466C16	8GB	SS
CORSAIR	CMU32GX4M4C3466C16	8GB	SS
CORSAIR	CMU32GX4M4C3466C16R	8GB	SS
CORSAIR	CMU32GX4M4B3466C16	8GB	DS
CORSAIR	CMD32GX4M2B3466C16	16GB	DS
CORSAIR	CMK32GX4M2B3466C16	16GB	DS
CORSAIR	CMK32GX4M2B3466C16R	16GB	DS
CORSAIR	CMK32GX4M4B3466C16	8GB	SS
CORSAIR	CMK32GX4M4B3466C16R	8GB	SS
CORSAIR	CMR32GX4M4C3466C16	8GB	SS
CORSAIR	CMD64GX4M4B3466C16	16GB	DS
CORSAIR	CMK64GX4M4B3466C16	16GB	DS
CORSAIR	CMK64GX4M4B3466C16R	16GB	DS
CORSAIR	CMR64GX4M4C3466C16R	16GB	DS
APACER	AHU08GGB34CJU5H(EK.16GA3.GGBK2)	8GB	SS
APACER	AHU08GGB34CJU6H(EK.16GA3.GGAK2)	8GB	SS
Hyper X	HX434C19FBK2/16	16GB(8GB*2)	SS
Hyper X	HX434C19FBK2/32	32GB(16GB*2)	DS

DDR4 3600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
GALAXY	HOF4CALCS3600K17LD162C	8GB	SS	N/A
G.SKILL	F4-3600C17D-8GRK	4GB	SS	
G.SKILL	F4-3600C17D-8GTZ	4GB	SS	
G.SKILL	F4-3600C17D-8GVK	4GB	SS	
G.SKILL	F4-3600C17D-16GVK	8GB	SS	
G.SKILL	F4-3600C17D-16GTZ	8GB	SS	
G.SKILL	F4-3600C16D-16GVK	8GB	SS	
G.SKILL	F4-3600C16D-16GTZ	8GB	SS	
G.SKILL	F4-3600C15D-16GTZ	8GB	SS	
G.SKILL	F4-3600C17Q-16GVK	4GB	SS	
G.SKILL	F4-3600C17Q-16GRK	4GB	SS	
G.SKILL	F4-3600C17Q-16GTZ	4GB	SS	
G.SKILL	F4-3600C17Q-32GVK	8GB	SS	
G.SKILL	F4-3600C17Q-32GTZ	8GB	SS	
G.SKILL	F4-3600C17Q-32GTZA	8GB	SS	
G.SKILL	F4-3600C16Q-32GTZB	8GB	SS	
G.SKILL	F4-3600C16Q-32GTZSWB	8GB	SS	
G.SKILL	F4-3600C16Q-32GTZBKW	8GB	SS	
G.SKILL	F4-3600C17Q-32GTZR	8GB	SS	
CORSAIR	CMD8GX4M2B3600C18 ver4.24	4GB	SS	
CORSAIR	CMK8GX4M2B3600C18 ver4.24	4GB	SS	
CORSAIR	CMK16GX4M2B3600C16R	8GB	SS	
CORSAIR	CMD16GX4M2B3600C18	8GB	SS	
CORSAIR	CMK16GX4M2B3600C18	8GB	SS	
CORSAIR	CMK16GX4M2B3600C18R	8GB	SS	
CORSAIR	CMR16GX4M2C3600C18	8GB	SS	
CORSAIR	CMK16GX4M4B3600C18	4GB	SS	
CORSAIR	CMD32GX4M4B3600C16	8GB	SS	
CORSAIR	CMK32GX4M4B3600C16R	8GB	SS	
CORSAIR	CMD32GX4M4B3600C18	8GB	SS	

CORSAIR	CMK32GX4M4B3600C18	8GB	SS
CORSAIR	CMK32GX4M4B3600C18R	8GB	SS
CORSAIR	CMR32GX4M4C3600C18	8GB	SS
APACER	AHU08GGB36CJU5H(EK.16GA4 .GGBK2)	8GB	SS
KINGSTON	HX436C17PB3K4/32	8GB	SS
PATRIOT	PV48G360C7K	4GB	SS
APACER	AHU08GGB36CEU5H(EK.16GA4 .GFBK2)	8GB	SS
ZADAK	ZD4-SHD3600C17-08GAS	8GB	SS
GSKILL	F4-3600C19Q-32GSXW	32GB(8GB*4)	SS
TEAMGROUP	TFOD48G3600C18EBK	16GB(8GB*2)	SS
TEAMGROUP	TF1D416G3600HC18EDC01	16GB(8GB*2)	SS
TEAMGROUP	TF2D416G3600HC18EDC01	16GB(8GB*2)	SS
TEAMGROUP	TF5D416G3600HC18EDC01	16GB(8GB*2)	SS
TEAMGROUP	TF6D416G3600HC18EDC01	16GB(8GB*2)	SS

DDR4 3733 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
G.SKILL	F4-3733C17D-8GRK	4GB	SS	
G.SKILL	F4-3733C17D-8GTZ	4GB	SS	
G.SKILL	F4-3733C17D-8GVK	4GB	SS	
G.SKILL	F4-3733C17D-16GTZ	8GB	SS	
G.SKILL	F4-3733C17Q-16GRK	4GB	SS	
G.SKILL	F4-3733C17Q-16GTZ	4GB	SS	
G.SKILL	F4-3733C17Q-16GVK	4GB	SS	
G.SKILL	F4-3733C17D-16GTZ	8GB	SS	
G.SKILL	F4-3733C17D-16GTZA	8GB	SS	
G.SKILL	F4-3733C17Q-32GTZ	8GB	SS	
G.SKILL	F4-3733C17Q-32GTZSW	8GB	SS	
G.SKILL	F4-3733C17Q-32GTZKW	8GB	SS	
G.SKILL	F4-3733C17Q-32GTZR	8GB	SS	
CORSAIR	CMD8GX4M2B3733C17 ver4.24	4GB	SS	
CORSAIR	CMK8GX4M2B3733C17 ver4.24	4GB	SS	
CORSAIR	CMD16GX4M2B3733C17	8GB	SS	
CORSAIR	CMK16GX4M2B3733C17R	8GB	SS	
CORSAIR	CMK16GX4M4B3733C17	4GB	SS	
CORSAIR	CMD32GX4M4B3733C17	8GB	SS	
CORSAIR	CMK32GX4M4B3733C17R	8GB	SS	
APACER	AHU08GGB37CEU5H(EK.16GA6 .GFBK2)	8GB	SS	
SUPERTALEN	F3733UB8G	8GB	SS	
PATRIOT	PV416G373C7K	8GB	SS	

DDR4 3866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
G.SKILL	F4-3866C18Q-16GTZ	4GB	SS	N/A
G.SKILL	F4-3866C19D-8GTZ	4GB	SS	
G.SKILL	F4-3866C19Q-16GTZ	4GB	SS	
G.SKILL	F4-3866C18Q-32GTZ	8GB	SS	
G.SKILL	F4-3866C18Q-32GTZSW	8GB	SS	
G.SKILL	F4-3866C18Q-32GTZKW	8GB	SS	
CORSAIR	CMK8GX4M2B3866C18 ver4.24	4GB	SS	
CORSAIR	CMD8GX4M2B3866C18 ver4.24	4GB	SS	
CORSAIR	CMD16GX4M2B3866C18	8GB	SS	
CORSAIR	CMK16GX4M2B3866C18	8GB	SS	

CORSAIR	CMK16GX4M4B3866C18	4GB	SS
CORSAIR	CMK16GX4M4B3866C18R	4GB	SS
CORSAIR	CMD32GX4M4B3866C18	8GB	SS
CORSAIR	CMK32GX4M4B3866C18R	8GB	SS
TEAM GROUP	TCD44G3866C18ABK	4GB	SS
G.SKILL	F4-3866C18Q-32GTZR	8GB	SS
ADATA	AX4U386638G18-QRS	8GB	SS

DDR4 4000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand
G.SKILL	F4-4000C18Q-16GTZ	4GB	SS	
G.SKILL	F4-4000C18Q-32GTZ	8GB	SS	
G.SKILL	F4-4000C18Q-32GTZSW	8GB	SS	
G.SKILL	F4-4000C18Q-32GTZKW	8GB	SS	
CORSAIR	CMK16GX4M2E4000C19R	8GB	SS	
CORSAIR	CMK16GX4M2B4000C19R	8GB	SS	
CORSAIR	CMK32GX4M4B4000C19R	8GB	SS	

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
K4A4G085WD	15-15-15-36	1.2V	•	•	•
K4A4G085WD	15-15-15-36	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
Heat-Sink	13-13-13-35	1.2V	•	•	
Heat-Sink	13-13-13-35	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
4QA77D9RCQ	15-15-15-36	1.2V	•	•	•
4GA72Z9RGR	15-15-15-36	1.2V	•	•	
Heat-Sink	14-14-14-35	1.2V	•	•	
H5AN4G8NMFR	16-16-16-36	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
H5AN4G8NAFR	15-15-15-36	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•		
Heat-Sink	15-15-15-35	1.2V	•	•	
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink Package	13-15-15-28	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
Heat-Sink	14-14-14-35	1.2V	•	•	•
K4A4G085WD	15-15-15-36	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
H5AN4G8NMFR	15-15-15-36	1.2V	•	•	•
H5AN4G8NMFR	15-15-15-36	1.2V	•	•	
Heat-Sink	15-15-15	1.2V	•	•	•
H5AN4G8NMFR	15-15-15-36	1.2V	•	•	•
K4A4G085WEBBCP			•	•	•
H5AN4G8NAFR			•	•	•
5CA77D9RGQ		1.2V	•	•	
H5AN4G8NAFR		1.2V	•	•	
D4 512M8GE15	15-15-15-35	1.2V	•	•	
D4 512M8GE15	15-15-15-35	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	
Heat-Sink			•	•	
H5AN4G8NMFR			•	•	•
PM512M8D4BU-			•	•	
AM6F6008THSA11 550F			•	•	
K4A8G085WBBCP			•	•	
Heat-Sink		1.2V	•	•	
Heat-Sink		1.2V	•	•	•
Heat-Sink		1.2V	•	•	
N/A		1.2V	•	•	
PPE08-093TP		1.2V	•	•	•
E8GZ250WP	15-15-15-36	1.2V	•	•	•
E8K4089YC	15-15-15-36	1.2V	•	•	
T4D10248KT-21	15-15-15-36	1.2V	•	•	
P4P4GF3BLF-	16-16-16-35	1.2V	•	•	•
GA4L1GM88BA09	15-15-15-35	1.2V	•	•	
PP020-093E TP	15-15-15-36	1.2V	•		
6GA77D9RGQ	15-15-15-36	1.2V	•	•	
H5AN4G8NMFR	15-15-15-36	1.2V	•	•	•
TMCB134HA3	15-15-15-36	1.2V	•	•	•
E0510	15-15-15-36	1.2V	•	•	•
K4A8G085WBBCP		1.2V	•	•	•
Heat-Sink	15-15-15-35	1.20V	•	•	•

Heat-Sink	15-15-15-35	1.20V	•	•	•
6NA47C9BGD		1.2V	•	•	
6UD75C9BHB		1.2V	•	•	•
6SB45C9BHC		1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
Heat-Sink	15-15-15	1.2V	•	•	•
Heat-Sink	15-15-15	1.2V	•	•	•
Heat-Sink	15-15-15	1.2V	•	•	•
Heat-Sink		1.2V	•	•	
Heat-Sink	15-15-15-36	1.2V	•	•	•
H5AN4G8NAFR	15-15-15-36	1.2V	•	•	
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
Heat-Sink	15-15-15-36	1.2V	•	•	•
D4 1GM8GDDP	15-15-15-35	1.35V	•	•	•
K4A4G08	15--15-15-36	1.20V	•	•	•
K4A4G08	15--15-15-36	1.20V	•	•	•
K4A8G08	15--15-15-36	1.20V	•	•	
Heat-Sink	15-15-15-36	1.20V	•	•	•
PP020-093E TP	15-15-15-36	1.20V	•	•	•
PP022-093E TP	15-15-15-36	1.20V	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	
	15-15-15-36	1.2	•	•	
	15-15-15-36	-	•	•	•
	15-15-15-35	1.2	•	•	•
	10-12-12-31	1.35	•	•	•
	10-12-12-31	1.35	•	•	
	13-15-15-28	1.2	•	•	•
	13-15-15-28	1.2	•	•	•
	13-15-15-28	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	13-15-15-28	1.2	•	•	•
	13-15-15-28	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	-	•	•	
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-37	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-35	1.2	•	•	•
	15-15-15-35	1.2	•	•	•
	15-15-15-35	1.2	•	•	•
	15-15-15-35	1.2	•	•	•

	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	1.2	•	•	•
	15-15-15-36	-	•	•	•
	15-15-15-36	-	•	•	•
8	15-15-15-35	1.20V	•	•	•
8	15-15-15-36	1.20V	•	•	•

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink	16-16-16	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	16-16-16-35	1.2V	•		
Heat-Sink	15-15-15-35	1.2V	•	•	
Heat-Sink	15-15-15-35	1.2V	•	•	
Heat-Sink	16-16-16-39	1.2V	•	•	
Heat-Sink	16-16-16	1.2V	•	•	
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	15-15-15-35-	1.2V	•	•	•
Heat-Sink	15-15-15-35-	1.2V	•	•	
H5AN4G8NMFR	16-16-16-36	1.2V	•	•	•
Heat-Sink		1.2V	•	•	•
Heat-Sink	16-16-16-35	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink	16-16-16-36		•	•	•
Heat-Sink Package	14-16-16-31	1.2V	•	•	
Heat-Sink	14-16-16-31	1.2V	•	•	
Heat-Sink	15-15-15-35	1.2V	•	•	•
PM512M8D4BU-			•	•	
H5AN4G8NMFR	16-16-16-36	1.2V	•	•	
Heat-Sink		1.2V	•	•	•
Heat-Sink	14-14-14-34	1.2V	•		
Heat-Sink	14-14-14-34	1.2V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
Heat-Sink		1.2V	•	•	
Heat-Sink		1.2V	•	•	•
Heat-Sink	16-16-16-39	1.2V	•	•	
T4D5128HT-24	16-16-16-39	1.2V	•	•	
Heat-Sink		1.35V	•	•	•
Heat-Sink	15-15-15-35	1.2V	•	•	•
1621JB5454512X8 DDR4			•		
GA4L1GM88BA09		1.2V	•	•	•
1GX8DDR4 HL	16-16-16-36	1.2V	•	•	

Heat-Sink Package	16-16-16-39	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
Heat-Sink Package	14-16-16-31	1.2V	.	.	.
Heat-Sink	15-15-15-36	1.2V	.	.	.
5WB47D9TBH			.	.	.
5WB47D9TBH	17-17-17-39-	1.2V	.	.	.
Heat-Sink		1.35V	.	.	.
Heat-Sink		1.35V	.	.	.
Heat-Sink		1.2V	.	.	.
Heat-Sink	16-16-16-36	1.2V	.	.	.
Heat-Sink	16-16-16-36		.	.	.
Heat-Sink	14-16-16-31	1.2V	.	.	.
Heat-Sink	14-16-16-31	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
512X8DDR4		1.2V	.	.	.
AM6F60080THSB2 1550F			.	.	.
Heat-Sink		1.2V	.	.	.
N/A		1.2V	.	.	.
Heat-Sink Package		1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
D4 1GM8GE15		1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
Heat-Sink	15-15-15-35	1.2V	.	.	.
Heat-Sink	15-15-15-35	1.2V	.	.	.
Heat-Sink	14-16-16-31	1.2V	.	.	.
Heat-Sink	16-16-16-36	1.2V	.	.	.
Heat-Sink	16-16-16	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
Heat-Sink	16-16-16-39	1.2V	.	.	.
Heat-Sink	14-16-16-31	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
Heat-Sink	16-16-16-39	1.2V	.	.	.
Heat-Sink	10-12-12-28	1.35V	.	.	.
Heat-Sink	15-15-15-35	1.2V	.	.	.
512X8DDR4Y		1.2V	.	.	.
H5AN4G8NAFR	14-16-16-31	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
AM6F6308MHHSB	17-17-17-39	1.2V	.	.	.
Heat-Sink		1.35V	.	.	.
Heat-Sink		1.2V	.	.	.
M15B302062	15-15-15-35	1.2V	.	.	.
Heat-Sink	17-16-16-39	1.2V	.	.	.
Heat-Sink	17-16-16-39	1.2V	.	.	.
Heat-Sink	16-16-16-36	1.2V	.	.	.
Heat-Sink	16-16-16-36	1.2V	.	.	.
6SB77D9TBH	17-17-17-39	1.2V	.	.	.
6GB77D9TGQ	17-17-17-39	1.2V	.	.	.
6QB77D9TGG	17-17-17-39	1.2V	.	.	.
6RB77D9TBK	17-17-17-39	1.2V	.	.	.
6GB77D9TGQ	17-17-17-39	1.2V	.	.	.
TMC9486G2	17-17-17-39	1.2V	.	.	.
Heat-Sink	17-17-17-39	1.2V	.	.	.
Heat-Sink	17-17-17-39	1.2V	.	.	.
Heat-Sink	17-17-17-39	1.2V	.	.	.
Heat-Sink	15-15-15-35	1.2V	.	.	.
T4D10248MT-24	14-16-16-31	1.2V	.	.	.

Heat-Sink	16-16-16-39	1.2V	.	.	.
Heat-Sink	16-16-16-39	1.2V	.	.	.
Heat-Sink		1.2V	.	.	.
PP020-093E TP	15-17-17-35	1.2V	.	.	.
T4D10248HT-24	15-15-15-35	1.2V	.	.	.
T4D5128HT-24	15-15-15-35	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	15-15-15	1.2V	.	.	.
Heat-Sink	16-16-16-36	1.2V	.	.	.
Heat-Sink	15-15-15-35	1.2V	.	.	.
5VA77D9RGG	17-17-17-39	1.2V	.	.	.
Heat-Sink	17-17-17-39	1.2V	.	.	.
Heat-Sink	15-15-15-39	1.20V	.	.	.
Heat-Sink	15-15-15-39	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	16-16-16-18	1.20V	.	.	.
Heat-Sink	14-16-16-31	1.20V	.	.	.
K4A8G16 5WC BCRC	17-17-17-39	1.20V	.	.	.
Heat-Sink	14-16-16-31	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	16-16-16-36	1.20V	.	.	.
Heat-Sink	16-16-16-36	1.20V	.	.	.
Heat-Sink	15-15-15-35	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
K4A8G08	17-17-17-39	1.20V	.	.	.
K4A4G08	16-16-16-39	1.20V	.	.	.
K4A8G08	17-17-17-39	1.20V	.	.	.
Heat-Sink	15-15-15-35	1.20V	.	.	.
Heat-Sink	15-15-15-35	1.20V	.	.	.
Heat-Sink	15-15-15-35	1.20V	.	.	.
K4A8G08	17-17-17-39	1.20V	.	.	.
6VB47 C9BGM	17-17-17-39	1.20V	.	.	.
PP019-083E	17-17-17-39	1.20V	.	.	.
Heat-Sink	16-16-16-36	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
PS029-D93 TP	17-17-17-39	1.20V	.	.	.
PS023-D93 TP	17-17-17-39	1.20V	.	.	.
KGD8CB-CU	17-17-17-39	1.20V	.	.	.
CG4L512M88BA0 93FH	17-16-16-36	1.20V	.	.	.
7CB75	17-17-17-39	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	16-16-16-39	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
Heat-Sink	17-17-17-39	1.20V	.	.	.
Heat-Sink	17-16-16-39	1.20V	.	.	.
D4 1GM8GE15	15-15-15-35	1.20V	.	.	.
	15-15-15-35	1.2	.	.	.
	15-15-15-35	1.2	.	.	.
	16-16-16-39	1.2	.	.	.
	16-16-16-36	1.2	.	.	.
	16-16-16-39	1.2	.	.	.

16-16-16-36	1.2	.	.	
16-16-16-36	1.2	.	.	
14-14-14-35	1.2	.	.	.
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	.
16-16-16-36	1.2	.	.	.
12-13-13-35	1.2	.	.	.
12-14-14-35	1.35	.	.	.
12-14-14-35	1.35	.	.	
12-14-14-35	1.35	.	.	.
12-14-14-35	1.35	.	.	
12-14-14-35	1.35	.	.	.
12-14-14-35	1.35	.	.	.
12-14-14-35	1.35	.	.	
15-15-15-35	1.2	.	.	.
15-15-5-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-5-35	1.2	.	.	
15-15-5-35	1.2	.	.	.
15-15-15-35	1.2	.	.	.
15-15-15-35	1.2	.	.	.
17-17-17-39	-	.	.	
17-17-17-39	-	.	.	
17-17-17-39	-	.	.	
17-17-17-39	-	.	.	
17-17-17-39	-	.	.	
17-17-17-39	1.2	.	.	
17-17-17-39	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
15-15-15-35	1.2	.	.	
14-14-14-31	-	.	.	
17-17-17-39	1.2	.	.	
15-15-15-35	1.2	.	.	.
15-15-15-35	-	.	.	
15-15-15-35	-	.	.	
17-17-17-39	-	.	.	
17-17-17-39	-	.	.	

	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	15-17-17-35	1.2	●	•	
	17-17-17-39	1.2	•	•	
	15-15-15-36	1.2	•	•	
	17-17-17-39	1.2	•	•	
8	16-16-16-39	1.20V	•	•	•
16	17-17-17-39	1.20V	•	•	
8	17-17-17-39	1.20V	•	•	•

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM

Heat-Sink Package	16-18-18-35	1.2V	•	●	•
Heat-Sink	15-17-17-35	1.2V	•	●	•
Heat-Sink	15-15-15-35	1.2V	•	●	•
Heat-Sink	15-15-15-35	1.2V	•	●	
Heat-Sink	15-15-15-36	1.35V	•	●	
Heat-Sink	15-17-17-35	1.2V	•	●	
Heat-Sink	15-17-17-35	1.2V	•	●	
Heat-Sink	16-16-17-36	1.2V	•	●	•
Heat-Sink	16-17-17-36	1.2V	•		•
Heat-Sink	15-15-15-36	1.2V	•	●	•
Heat-Sink	15-15-15-36	1.2V	•	●	
Heat-Sink	16-17-17-36	1.2V		●	•
Heat-Sink	16-17-17-36	1.2V	•		
Heat-Sink	15-15-15	1.2V	•	●	•
Heat-Sink	15-15-15-36	1.35V	•	●	
Heat-Sink		1.2V	•	●	•
Heat-Sink		1.2V	•	●	
Heat-Sink		1.2V	•	●	
Heat-Sink Package	16-18-18-35	1.2V	•	●	•
Heat-Sink Package	16-18-18-35	1.2V		●	•
Heat-Sink Package	16-18-18-35	1.2V	•	●	•
Heat-Sink Package	15-17-17-35	1.2V	•	●	•
Heat-Sink Package	16-18-18-35	1.2V	•	●	
Heat-Sink	15-15-15-35	1.2V	•	●	•
Heat-Sink		1.2V	•	●	•
Heat-Sink		1.2V	•	●	•
Heat-Sink Package	15-17-17-35	1.2V	•	●	
SEC546	15-17-17-35	1.2V	•	●	
T4D5128HT-266	15-17-17-35	1.2V	•	●	•
Heat-Sink	15-15-15	1.2V	•	●	•
Heat-Sink	15-15-15	1.2V	•	●	•
Heat-Sink	16-18-18-35	1.2V	•	●	
Heat-Sink	16-16-16-39	1.2V	•	●	
Heat-Sink	16-16-16-39	1.2V	•	●	•
Heat-Sink	16-16-16-39	1.2V	•	●	•
Heat-Sink	16-18-18-38	1.20V	•	●	•

Heat-Sink	16-18-18-38	1.20V	•	●	•
Heat-Sink	16-18-18-36	1.20V	•	●	•
Heat-Sink	16-18-18-35	1.20V	•	●	
Heat-Sink	16-18-18-35	1.20V	•	●	•
Heat-Sink	16-18-18-35	1.20V		●	
Heat-Sink	16-18-18-39	1.20V	•	●	•
Heat-Sink	16-16-16-36	1.20V	•	●	•
Heat-Sink	15-16-16-35	1.20V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	13-15-15-35	1.35V	•	●	•
Heat-Sink	16-18-18-38	1.20V	•	●	•
Heat-Sink	16-18-18-38	1.20V	•	●	•
7BH45 D9VHP	19-19-19-43	1.20V	•	●	•
7BH45 D9VHP	19-19-19-43	1.20V	•	●	•
	16-16-16-39	1.2	•	●	
	16-16-16-39	1.2	•	●	
	16-16-16-39	1.2	•	●	•
	15-17-17-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	
	15-17-17-35	1.2	•	●	•
	16-18-18-35	1.2	•	●	•
	16-18-18-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	•
	16-18-18-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	
	16-18-18-35	1.2	•	●	•
	16-18-18-35	1.2	•	●	
	16-18-18-35	1.2	•	●	
	15-17-17-35	1.2	•	●	•
	15-17-17-35	1.2	•	●	•
	16-18-18-35	1.2	•	●	•

16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	
16-18-18-35	1.2	•	●	
15-17-17-35	1.2	•	●	•
15-17-17-35	1.2	•	●	
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-16-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-18-18-35	1.2	•	●	•
16-17-17-36	1.2	•	●	
16-17-17-36	1.2	•	●	
16-18-18-38	1.2	•	●	
16-18-18-38	1.2	•	●	
16-18-18-38	1.2	•	●	
16-17-17-36	1.2	•	●	•
16-17-17-36	1.2	•	●	
16-17-17-36	1.2	•	●	•
16-17-17-36	1.2	•	●	
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
15-15-15-35	1.2	•	●	•
16-16-16-36	1.2	•	●	•
16-16-16-36	1.2	•	●	•
13-15-15-35	1.35	•	●	•
13-15-15-35	1.35	•	●	•
13-15-15-35	1.35	•	●	•

15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●
15-17-17-35	1.2	•	●

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM

Heat-Sink	16-18-18-36	1.2V	•	●	
Heat-Sink	15-15-15-36-	1.35V	•	●	●
Heat-Sink	16-18-18-36	1.2V	•	●	●
Heat-Sink	16-18-18-36	1.25V	•	●	●
Heat-Sink	16-16-16-36	1.2V	•		
Heat-Sink	15-15-15-36-	1.35V	•	●	●
Heat-Sink	15-15-15-36-	1.2V	•	●	●
Heat-Sink	15-15-15-36-	1.2V	•	●	●
Heat-Sink	15-15-15-36-	1.35V	•	●	●
Heat-Sink	15-15-15-36-	1.35V	•	●	
Heat-Sink	16-16-16-36	1.2V	•	●	
Heat-Sink	16-18-18-36	1.2V	•	●	
HMA54G8NAFR			•	●	
Heat-Sink		1.2V	•	●	
Heat-Sink	18-17-17-36	1.2V	•	●	●
Heat-Sink	17-16-16-36	1.2V	•	●	
Heat-Sink Package	16-18-18-36	1.2V	•	●	●
Heat-Sink	14-14-14-35	1.35V	•	●	
Heat-Sink	16-16-16-36	1.20V	•	●	●
Heat-Sink		1.35V	•	●	●
Heat-Sink		1.35V	•	●	●
Heat-Sink	16-18-18-36	1.2V	•	●	●
Heat-Sink Package	14-16-16-36	1.35V	•	●	●
T4D10248HT-30	16-18-18-38	1.2V	•	●	●
SEC625	16-18-18-38	1.2V	•	●	●
T4D5128HT-30	16-18-18-38	1.2V	•	●	●
Heat-Sink	17-17-17-36	1.2V	•	●	●
Heat-Sink	15-15-15-35	1.25V	•	●	●
Heat-Sink	17-17-17-36	1.2V	•	●	
Heat-Sink	17-17-17-36	1.2V	•	●	
Heat-Sink	17-17-17-39	1.20V	•	●	●
	16-16-16-36	1.2	•	●	
	16-16-16-36	1.2	•	●	
	17-17-17-36	1.2	•	●	
	17-17-17-36	1.2	•	●	
	15-16-16-35	1.25	•	●	
	17-17-17-36	1.2	•	●	
	17-17-17-36	1.2	•	●	

15-17-17-35	1.35	•	●	
15-17-17-35	1.35	•	●	●
15-17-17-35	1.35	•	●	
15-17-17-35	1.35	•	●	
15-17-17-35	1.35	•	●	
15-17-17-35	1.35	•	●	●
15-17-17-35	1.35	•	●	●
15-17-17-35	1.35	•	●	
15-17-17-35	1.35	•	●	
15-16-16-35	1.35	•	●	
15-16-16-35	1.35	•	●	
15-16-16-35	1.35	•	●	
14-14-14-34	1.35	•	●	●
15-16-16-35	1.35	•	●	
15-15-15-35	1.35	•	●	●
15-15-15-35	1.35	•	●	●
16-18-18-38	1.35	•	●	●
15-17-17-35	1.35	•	●	
16-16-16-36	1.35	•	●	●
15-17-17-35	1.35	•	●	
15-16-16-39	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-17-17-36	1.35	•	●	●
15-16-16-39	1.35	•	●	
15-17-17-39	1.35	•	●	●
15-17-17-39	1.35	•	●	●
15-17-17-39	1.35	•	●	●
15-17-17-39	1.35	•	●	●
15-16-16-39	1.35	•	●	
16-16-16-39	1.35	•	●	●
15-15-16-36	1.2	•	●	
16-18-18-36	1.35	•	●	
15-15-16-36	1.2	•	●	
15-15-16-36	1.2	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
15-17-17-35	-	•	●	
16-16-16-36	-	•	●	
16-16-16-36	1.35	•	●	
16-18-18-38	1.35	•	●	
16-18-18-38	1.35	•	●	

16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●
16-18-18-38	1.35	.	●

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink	15-15-15-36	1.2V			●
Heat-Sink	16-18-18-38	1.35V			●
Heat-Sink		1.35V			●
Heat-Sink	16-18-18-36	1.35V			●
Heat-Sink	16-16-16	1.35V		.	
Heat-Sink	18-18-18-38	1.35V			●
Heat-Sink	16-18-18-36	1.35V		.	
Heat-Sink	16-18-18-38	1.35V		.	
Heat-Sink	14-14-14-34	1.35V			●
Heat-Sink	16-18-18-36	1.35V		.	

Heat-Sink	16-18-18-38	1.35V		●
Heat-Sink	16-18-18-38	1.35V		●
Heat-Sink	16-18-18-38	1.35V		●
Heat-Sink	16-18-18-36	1.35V	.	
Heat-Sink	16-16-16-36	1.35V	.	
Heat-Sink	16-18-18-38	1.35V	.	●
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	●
	16-16-16-36	1.35V	.	●
	16-16-16-36	1.35V	.	●
	16-16-16-36	1.35V	.	●
	16-16-16-36	1.35V	.	●
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	
	16-16-16-36	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	14-14-14-34	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	16-18-18-38	1.35V	.	
	16-16-16-36	1.35V	.	
	16-18-18-38	1.35V	.	
	16-16-16-36	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	16-18-18-38	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	
	15-15-15-35	1.35V	.	

15-15-15-35	1.35V	.	
15-15-15-35	1.35V	.	
15-15-15-35	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
14-14-14-34	1.35V	.	
16-18-18-38	1.35V	.	
16-16-16-36	1.35V	.	●
16-16-16-36	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
15-15-15-35	1.35V	.	●
15-15-15-35	1.35V	.	●
15-15-15-35	1.35V	.	●
15-15-15-35	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
16-16-16-36	1.35V	.	●
14-14-14-34	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
16-18-18-38	1.35V	.	●
15-15-15-35	1.35V	.	●
15-15-15-35	1.35V	.	●
15-15-15-35	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
16-18-18-38	1.35V	.	●
14-14-14-34	1.35V	.	●
14-14-14-34	1.35V	.	●
15-15-15-35	1.35V	.	●
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
14-16-16-35	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
14-16-16-35	1.35V	.	
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●

15-17-17-35	1.35V	.	●
16-18-18-36	1.35V	.	●
14-16-16-35	1.35V	.	●
16-18-18-36	1.35V	.	●
15-17-17-35	1.35V	.	●
15-17-17-35	1.35V	.	●
14-16-16-35	1.35V	.	●
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
14-16-16-35	1.35V	.	
16-18-18-36	1.35V	.	
14-16-16-35	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
14-16-16-35	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-16-16-36	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	●
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-16-16-36	1.35V	.	
16-16-16-36	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
18-21-21-39	1.2V	.	
18-21-21-39	1.2V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	
16-18-18-38	1.35V	.	

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink	16-16-16	1.35V			●
Heat-Sink	16-16-16-36	1.35V			●
	16-18-18-36	1.35V		•	●
	16-16-16-36	1.35V		•	
	16-16-16-36	1.35V		•	
	16-16-16-36	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-16-16-36	1.35V		•	●
	16-16-16-36	1.35V		•	●
	16-16-16-36	1.35V		•	●
	16-18-18-38	1.35V		•	●
	16-18-18-38	1.35V		•	●
	16-16-16-36	1.35V		•	
	16-16-16-36	1.35V		•	
	16-16-16-36	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	
	16-16-16-36	1.35V		•	●
	16-16-16-36	1.35V		•	●
	16-16-16-36	1.35V		•	●
	16-18-18-38	1.35V		•	●
	16-18-18-38	1.35V		•	●
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	●
	16-18-18-	1.35V		•	●
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	●
	16-18-18-	1.35V		•	●
	16-16-16-36	1.35V		•	
	16-18-18-36	1.35V		•	●
	16-18-18-36	1.35V		•	

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink Package	16-18-18-36	1.35V			●
Heat-Sink	16-18-18-38	1.35V			●
	16-18-18-38	1.35V		•	
	16-18-18-38	1.35V		•	

16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-	1.35V	.	
16-18-18-36	1.35V	.	
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
16-18-18-	1.35V	.	●
16-18-18-36	1.35V	.	●
18-18-18-42	1.35V	.	
18-18-18-42	1.35V	.	
19-23-23-42	1.2V	.	●
19-23-23-42	1.2V	.	●

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink	17-18-18-38	1.35V	.		
	17-18-18-38	1.35V	.		
	17-18-18-38	1.35V	.		
	17-18-18-38	1.35V	.		
	17-18-18-38	1.35V	.		
	17-18-18-38	1.35V	.		
	16-16-16-36	1.35V	.		
	16-16-16-36	1.35V	.		
	15-15-15-35	1.35V	.		
	17-18-18-38	1.35V	.		●
	17-18-18-38	1.35V	.		●
	17-18-18-38	1.35V	.		●
	17-18-18-38	1.35V	.		●
	17-18-18-38	1.35V	.		●
	17-17-17-37	1.35V	.		●
	16-18-18-38	1.35V	.		●
	16-18-18-38	1.35V	.		●
	16-18-18-38	1.35V	.		●
	17-18-18-38	1.35V	.		●
	18-19-19-39	1.35V	.		
	18-19-19-39	1.35V	.		
	16-18-18-	1.35V	.		
	18-19-19-39	1.35V	.		
	18-19-19-39	1.35V	.		
	18-19-19-	1.35V	.		
	18-19-19-	1.35V	.		
	18-19-19-39	1.35V	.		●
	16-18-18-36	1.35V	.		●
	16-18-18-	1.35V	.		●
	18-19-19-39	1.35V	.		●

18-19-19-39	1.35V		•	●
18-19-19-	1.35V		•	●
18-19-19-39	1.35V		•	●
18-18-18-42	1.35V		•	
17-18-18-38	1.35V		•	●
17-18-18-36	1.35V		•	
17-19-19-39	1.35V	●	●	
17-19-19-39	1.35V	●	●	
19-20-20-39	1.35V		●	•
18-20-20-44	1.35V		●	
18-20-20-44	1.35V		●	
18-20-20-44	1.35V		●	
18-20-20-44	1.35V		●	
18-20-20-44	1.35V		●	
18-20-20-44	1.35V		●	

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	●
17-19-19-39	1.35V			•	●
17-19-19-39	1.35V			•	●
17-19-19-39	1.35V			•	
17-17-17-37	1.35V			•	
17-17-17-37	1.35V			•	●
17-17-17-37	1.35V			•	●
17-17-17-37	1.35V			•	●
17-17-17-37	1.35V			•	●
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	
17-19-19-	1.35V			•	
17-19-19-39	1.35V			•	●
17-19-19-39	1.35V			•	●
17-19-19-	1.35V			•	●
17-19-19-39	1.35V			•	
17-19-19-39	1.35V			•	●
17-19-19-39	1.35V			•	

Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
			1 DIMM	2 DIMM	4 DIMM
Heat-Sink	18-22-22-42	1.35V			●
	18-22-22-40	1.35V		•	
	18-22-22-40	1.35V		•	●
	18-19-19-39	1.35V		•	●
	18-19-19-39	1.35V		•	●
	18-19-19-39	1.35V		•	●
	18-22-22-40	1.35V		•	
	18-22-22-40	1.35V		•	
	18-22-22-40	1.35V		•	
	18-22-22-40	1.35V		•	

	18-22-22-40	1.35V		•	●
	18-22-22-	1.35V		•	●
	18-22-22-40	1.35V		•	●
	18-22-22-	1.35V		•	●
	18-20-20-39	1.35V		•	●
	18-19-19-39	1.35V			●
	18-19-19-39	1.35V			●
Chip NO.					
				DIMM socket support (Optional)	
				1 DIMM	2 DIMM
				4 DIMM	
	18-22-22-40	1.35V		•	●
	18-19-19-39	1.35V		•	●
	18-19-19-39	1.35V		•	●
	18-19-19-39	1.35V		•	●
	19-23-23-	1.35V		•	
	19-23-23-	1.35V		•	
	19-23-23-	1.35V		•	●