

PRIME H310M-AT R2.0

DDR4 2133 Qualified Vendors List (CVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage (V)	DIMM socket support (Optional)
							1 DIMM 2 DIMM
SAMSUNG	M378A143DB0-CPB	4GB	SS	Samsung	15-15-15-36	1.2	● ●
SAMSUNG	M378A1G40B0-CPB	8GB	DS	SEC 428 BCPB	15-15-15-36	1.2	● ●
GLOWAY	PC4-17000	4GB	SS	N/A	15-15-15-35	1.2	● ●
KINGSTON	HX421C13BK4/16	4*4GB	SS	Hynix	15-15-15-36	1.2	● ●
PANRAM	PUD42133C138G4NJW	4*8GB	DS	N/A	13-13-13-35	1.2	● ●
PANRAM	PUD42133C134G4NJW	4*4GB	SS	N/A	13-13-13-35	1.2	● ●
CORSAIR	CMK16GX4M4A2133C15(Ver4.23)	4*4GB	SS	N/A	15-15-15-36	1.2	● ●
CRUCIAL	MT88ATF51264Z-2G1A1	4GB	SS	Micron	15-15-15-36	1.2	● ●
CORSAIR	CMV40X4M1AZ133C15	4GB	SS	N/A	15-15-15-36	1.2	● ●
KINGSTON	HX421C14FB/8	8GB	DS	Hynix	14-14-14-35	1.2	● ●
APACER	78.C1G.M3.AF10B	8GB	DS	Hynix	16-16-16-36	1.2	● ●
KINGSTON	HX421C138BK4/16	4*4GB	SS	Hynix	15-15-15-36	1.2	● ●
KINGSTON	KVR21N150B2	8GB	DS	Hynix	15-15-15-36	1.2	● ●
GALAXY	GAM4DBLW21331SIE081C	8GB	DS	N/A	15-15-15-35	1.2	● ●
AVEXIR	AVD4U1331508G-1C0B	8GB	DS	N/A	15-15-15-35	1.2	● ●
CORSAIR	CMK16GX4M4A2133C13 (Ver5.29)	4*4GB	SS	N/A	13-13-13-35	1.2	● ●
GEIL	GP446G2133C15DC	4*4GB	SS	Micron	15-15-15-36	1.2	● ●
KINGSTON	HX421C14BK4/32	4*8GB	DS	Hynix	14-14-14-35	1.2	● ●
TEKSM	T4U21338G15-SAD	8GB	DS	SEC 446 BCPB	15-15-15-36	1.2	● ●
G.SKILL	F4-2133C15Q-16GBR	4*4GB	SS	Samsung	15-15-15-35	1.2	● ●
CENTURY	PC4-17000	8GB	DS	Hynix	15-15-15-36	1.2	● ●
ADATA	AX4U2133W4G15-QRZ	4*4GB	SS	N/A	15-15-15-36	1.2	● ●
TEAM	TD48G2133C15BK	8GB	DS	Hynix	15-15-15-36	1.2	● ●
ADATA	AD4U2133W4G15-B	4*4GB	SS	Hynix	15-15-15-36	1.2	● ●
CRUCIAL	CT8G4DFD8213.16FA11	4*8GB	DS	Micron	15-15-15-36	1.2	● ●
KINGSTON	KVR21E158/4	4GB	SS	Hynix	15-15-15-36	1.2	● ●
G.SKILL	F4-2133C158-40NT	4GB	SS	Hynix	15-15-15-35	1.2	● ●
G.SKILL	F4-2133C158-80NT	8GB	SS	Hynix	15-15-15-35	1.2	● ●
TEAM	TP4D4G2133HC15BK	4GB	SS	Samsung	15-15-15-36	1.2	● ●
APACER	AHJ08G0813CCT17G	8GB	DS	Hynix	16-16-16-36	1.2	● ●
ASMT	SL64M408-C0213 1615	8GB	DS	Hynix	15-15-15-36	1.2	● ●
PATRIOT	PSD4G2133Z	8GB	DS	PAIROT	15-15-15-36	1.2	● ●
SAMSUNG	M378A1K43B01-CPB	8GB	SS	Samsung	15-15-15-36	1.2	● ●
KINGSTON	HX421C14FB/8	8GB	SS	Micron	14-14-14-35	1.2	● ●
KINGSTON	HX421C14FBK2/8	2*4GB	SS	Micron	14-14-14-35	1.2	● ●
KINGSTON	HX421C14FB/4	4GB	SS	Hynix	14-14-14-35	1.2	● ●
V-COLOR	TC48G213818-IMS	4*8GB	SS	Micron	15-15-15-36	1.2	● ●
TEAM	TD48G2133C15BK	16GB	DS	Micron	15-15-15-36	1.2	● ●
SAMSUNG	M378A5143E01-CPB	4GB	SS	Samsung	15-15-15-36	1.2	● ●
SAMSUNG	M378A5143E01-CPB	4GB	SS	Samsung	15-15-15-36	1.2	● ●
TEAM	TD48G2133C15BK	8GB	SS	SpecTek	15-15-15-36	1.2	● ●
AMUGELI	GRP42133C138G4	8GB	DS	AMUGELI	16-16-16-35	1.2	● ●
TIGO	TMK08G88-2133P	8GB	SS	Micron	15-15-15-36	1.2	● ●
Xiede	1.2V-PC4-17000-1620	4GB	SS	Micron	15-15-15-36	1.2	● ●
Xiede	1.2V-PC4-17000-1620	8GB	DS	Hynix	15-15-15-36	1.2	● ●
V-COLOR	TC48G213815	8GB	SS	Hynix	15-15-15-36	1.2	● ●
V-COLOR	TC48G213815-IMS	8GB	SS	Micron	15-15-15-36	1.2	● ●
SAMSUNG	M378A2K43B01-CPB	16GB	DS	SEC510	15-15-15-36	1.2	● ●
G.SKILL	F4-2133C15Q-32GR	4*8GB	SS	N/A	15-15-15-35	1.2	● ●
G.SKILL	F4-2133C15Q2-64GR	8*8GB	SS	Hynix	15-15-15-35	1.2	● ●
CRUCIAL	CT16G4DFD8213.C16FAD1	16GB	DS	Micron	15-15-15-36	1.2	● ●
CRUCIAL	CT8G4DFD8213.C16FDR2	8GB	DS	Micron	15-15-15-36	1.2	● ●
CRUCIAL	CT4G4DFD8213.C3FBDZ	4GB	SS	Micron	15-15-15-36	1.2	● ●
GEIL	GFY48G82133C15DC	4GB	SS	N/A	15-15-15-36	1.2	● ●
Klevv	IM48G088N21-FFFHMB	8GB	SS	Hynix	15-15-15-35	1.2	● ●
Klevv	IM48G088N21-FFFHMB	4GB	SS	Hynix	15-15-15-35	1.2	● ●
Klevv	IM48G088N21-FFFHMB	16GB	DS	Hynix	15-15-15-35	1.2	● ●
GEIL	GPR432G82133C150C	8GB	SS	Micron	15-15-15-36	1.2	● ●
SK HYNIX	HM4451U6AFR0N-1P	4*4GB	SS	Hynix	15-15-15-36	1.2	● ●
GLOWAY	STK4U213315041C/PC4-17000	4GB	SS	N/A	15-15-15-35	1.2	● ●
G.SKILL	F4-2133C15Q-64GF	4*16GB	DS	N/A	15-15-15-36	1.2	● ●
G.SKILL	F4-2133C15Q-32GF	4*8GB	SS	N/A	15-15-15-36	1.2	● ●
G.SKILL	F4-2133C15Q-80GB	8GB	SS	Hynix	15-15-15-35	1.2	● ●
AVANT	AVW6410U67J5213N3-SAEP	4GB	SS	SEC 549	15-15-15-36	1.2	● ●
AVANT	AVW6410U67J5213N2-SAEP	8GB	DS	SEC 549	15-15-15-36	1.2	● ●
SanMax	SMD4-U8G28SE-2HP	4GB	SS	SEC 534	15-15-15-36	1.2	● ●
ADATA	AD4U2133W4G15-B	8*8GB	SS	SpecTek	15-15-15-36	1.2	● ●
ADATA	AD4U2133W4G15-BP	8*4GB	SS	SpecTek	15-15-15-36	1.2	● ●
Ramsta	R20D4N04G2133	4GB	SS	Micron	15-15-15-35	1.2	● ●
Ramsta	R20D4N08G2133	8GB	SS	Micron	15-15-15-36	1.2	● ●
APACER	AU160GB13CDYBGC	16GB	DS	APACER	15-15-15-36	1.2	● ●
silicon power	SP904BLFU213N02	4GB	SS	Hynix	15-15-15-36	1.2	● ●
TEKSM	T4U21338G15-HYM	2* 8GB	DS	Hynix	15-15-15-36	1.2	● ●
TIGO	TMK08G88-2133P	4GB	SS	Hynix	15-15-15-36	1.2	● ●
HYUNDAI	HYE16G21C15	16GB	SS	Hynix	15-15-15-35	1.2	● ●

2 DIMM Slots

- For each DRAM channel (A,B), make sure to install the DRAM module to gray slot first.
- 1 DIMM: Supports one (1) module inserted into any gray slot as Single-channel memory configuration.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration.

- Make sure to install the memory modules from the gray slots first.
- 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.
- DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel® 8th Generation 6-core or higher processors.

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DDR4 2400 Certified Vendors List (CVL)

APACER	AH108G0824C1U7G	8GB	SS	Micron	16-16-16-36	1.2	●	●
GEIL	GASB416GB2400C160C	4GB	SS	Micron	16-16-16-36	1.2	●	●
GEIL	GASB432GB2400C160C	8GB	SS	N/A	16-16-16-36	1.2	●	●
TIGO	TMK108088-2400U	8GB	SS	Hynix	17-17-17-39	1.2	●	●
APACER	AU16GB0824CE160C	16GB	DS	APACER	17-17-17-39	1.2	●	●
GEIL	GLS48GB2400C160C	4GB	SS	N/A	17-16-16-36	1.2	●	●
GLLOWAY	TY19U2400E17042C	8GB	SS	Micron	17-17-17-39	1.2	●	●
Aspad	WML41UE-MIC1U2201	8GB	SS	N/A	17-17-17-39	1.2	●	●
silicon power	SP008GBLU240B02	8GB	SS	Hvnx	17-17-17-39	1.2	●	●
Geil	GLS48GB2400C160C	4GB	SS	Micron	17-16-16-36	1.2	●	●
TIGO	TMK104G458-2400U	4GB	SS	TIGO	17-17-17-39	1.2	●	●
TIGO	TMK104G458-2400U	16GB	DS	TIGO	17-17-17-39	1.2	●	●
HYUNDAI	HYE4G24C17	4GB	SS	Hvnx	17-17-17-39	1.2	●	●
HYUNDAI	HYE8G24C17	8GB	SS	Hvnx	17-17-17-39	1.2	●	●
Aspad	AU16GB0824CE160C	16GB	DS	Micron	17-17-17-39	1.2	●	●
MAXSUN	MSD48G2402	8GB	DS	Micron	17-17-17-39	1.2	●	●
TECLAST	TL44G24A30	4GB	DS	Micron	17-17-17-39	1.2	●	●
TECLAST	TL48G24A30	8GB	SS	Micron	17-17-17-39	1.2	●	●
Kingson	KR124N175898-SP	8GB	SS	Micron	17-17-17-39	1.2	●	●
ADATA	AD4U2400W1G17-B	4GB	SS	SK Hynix	15-15-15-35	1.2	●	●
ADATA	AD4U2400W8G17-B	8GB	DS	SK Hynix	15-15-15-35	1.2	●	●
ADATA	AX4U2400S16G16-DRDX(XMP)	16GB	DS	SK Hynix	16-16-16-39	1.2	●	●
ADATA	AX4U2400S16G16-SBF(XMP)	16GB	DS	SK Hynix	15-15-15-36	1.2	●	●
ADATA	AX4U2400S8G16-BRS-R(XMP)	8GB	SS	SK Hynix	16-16-16-39	1.2	●	●
ADATA	AX4U2400S8G16-SBF(XMP)	8GB	SS	SK Hynix	16-16-16-39	1.2	●	●
ADATA	AX4U2400W8G16-BRS-Z(XMP)	8GB	DS	SK Hynix	15-15-15-36	1.2	●	●
ADATA	AX4U2400W8G16-DRDX(XMP)	8GB	DS	SK Hynix	16-16-16-39	1.2	●	●
Aspad	78-B1GMS-4050B	4x 4GB	SS	Samsung	17-17-17-39	-	●	●
Aspad	78-C1GMS-4010B	4x 8GB	DS	Samsung	17-17-17-39	-	●	●
Aspad	EK-08G2T-GECC(XMP)	8GB	SS	Micron	17-17-17-39	-	●	●
Aspad	EL-08G2T-GFM	8GB	SS	SK Hynix	17-17-17-39	-	●	●
Aspad	WML41UE-MIC1U2201	2GB	SS	Micron	17-17-17-39	1.2	●	●
CORSAIR	CM16GX4M4A2400C14(Ver4.23)(XMP)	4x 4GB	SS	SS	14-16-16-31	1.2	●	●
CORSAIR	CM16GX4M4A2400C14(Ver4.23)(XMP)	4x 8GB	DS	-	14-16-16-31	1.2	●	●
CORSAIR	CMK16GX4M2A2400C16(Ver3.31)(XMP)	2x 8GB	DS	Micron	15-15-15-36	1.2	●	●
CORSAIR	CMK16GX4M2A2400C14(Ver4.21)(XMP)	2x 8GB	DS	Samsung	16-16-16-31	1.2	●	●
CORSAIR	CMK16GX4M2A2400C16(Ver3.31)	2x 8GB	SS	Micron	16-16-16-39	1.2	●	●
CORSAIR	CMK16GX4M4A2400C14(Ver4.23)(XMP)	4x 4GB	SS	-	14-16-16-31	1.2	●	●
CORSAIR	CMK16GX4M4A2400C14(Ver5.20)(XMP)	4x 4GB	SS	SK Hynix	14-16-16-31	1.2	●	●
CORSAIR	CMK32GX4M4A2400C14(Ver4.23)(XMP)	4x 8GB	DS	-	14-16-16-31	1.2	●	●
CORSAIR	CMK32GX4M4A2400C16(Ver3.31)(XMP)	4x 8GB	SS	Micron	15-15-15-36	1.2	●	●
CORSAIR	CMK64GX4M4A2400C14(Ver3.31)(XMP)	4x 16GB	DS	Micron	15-15-15-36	1.2	●	●
CORSAIR	CMK64GX4M4A2400C14(Ver4.31)(XMP)	4x 16GB	DS	Samsung	15-15-15-36	1.2	●	●
CORSAIR	CMK64GX4M2A2400C14(Ver4.11)(XMP)	2x 4GB	DS	Micron	14-16-16-31	1.2	●	●
crucial	BL16G4D240F5B-16FBD(XMP)	16GB	DS	Micron	16-16-16-39	1.2	●	●
crucial	BL16G4D240F5B-8FBD(XMP)	4GB	SS	Micron	16-16-16-39	1.2	●	●
crucial	BL16G4D240F5B-8FBD(XMP)	8GB	SS	Micron	16-16-16-39	1.2	●	●
crucial	CT16G4D240F5B-16FBD(XMP)	16GB	DS	Micron	17-17-17-39	1.2	●	●
G.SKILL	F4-2400C14Q2-128GR(XMP)	8x 16GB	DS	Samsung	14-14-14-34	1.2	●	●
G.SKILL	F4-2400C14Q2-128GR(XMP)	8x 16GB	DS	Samsung	15-15-15-36	1.2	●	●
G.SKILL	F4-2400C15Q-16GR(XMP)	4x 4GB	SS	Micron	15-15-15-35	1.2	●	●
G.SKILL	F4-2400C15Q2-128GR(XMP)	8x 16GB	DS	Samsung	15-15-15-35	1.2	●	●
G.SKILL	F4-2400C15Q2-128GV(XMP)	8x 16GB	DS	SK Hynix	15-15-15-36	1.2	●	●
G.SKILL	F4-2400C15Q-16GR(XMP)	4x 4GB	SS	Samsung	15-15-15-35	1.2	●	●
G.SKILL	F4-2400C15Q-32GR(XMP)	4x 8GB	DS	Micron	15-15-15-35	1.2	●	●
Geil	GASB416GB2400C160C(XMP)	4GB	SS	Micron	16-16-16-36	1.2	●	●
Geil	GFR432GB2400C160(XMP)	16GB	SS	Micron	16-16-16-36	1.2	●	●
Geil	GLS48GB2400C160C(XMP)	4GB	SS	Micron	16-16-16-36	1.2	●	●
Geil	GPR416GB2400C150C(XMP)	4x 4GB	SS	Samsung	15-15-15-35	1.2	●	●

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PRIME H310M-AT R2.0

DDR4 2666 Qualified Vendors List (CVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage(V)	DIMM socket support (Optional)
							1 DIMM 2 DIMM
CORSAIR	CMK16GX4M4A2666C16 (Ver5.29)	4*4GB	SS	N/A	16-18-18-35	1.2	• •
CORSAIR	CMK32GX4M4A2666C15(Ver5.29)	4*8GB	DS	N/A	15-17-17-35	1.2	• •
MUSHKIN	997192Z	2*4GB	SS	N/A	15-15-15-35	1.2	• •
KINGSTON	HX426C13PBK4/32	4*8GB	DS	Hynix	15-15-36-42	1.35	• •
KINGSTON	HX426C15FBK4/32	4*8GB	DS	Hynix	15-17-17-35	1.2	• •
CORSAIR	CMK128GX4M8A2666C15	4*16GB	DS	N/A	15-17-17-35	1.2	• •
KINGSTON	HX426C15FBK4/16	4*4GB	SS	Hynix	15-17-17-35	1.2	• •
CRUCIAL	BLE4G4D26AFA-8FAD	4GB	SS	Micron	16-16-17-36	1.2	• •
CRUCIAL	BLE6G4D26AFA-16FAD	8GB	DS	Micron	16-17-17-36	1.2	• •
AVEXIR	AVD4U126681504G-4COB	4*4GB	SS	N/A	15-15-15-36	1.2	• •
AVEXIR	AVD4U126681508G-4COB	4*8GB	DS	N/A	15-15-15-36	1.2	• •
CRUCIAL	BLT4G4D26AFTA-8FADG	4GB	SS	Micron	16-17-17-36	1.2	• •
KLIVV	IM44G1048N26-FFHAZ-C F9	8GB	DS	Hynix	15-15-15-35	1.2	• •
KINGSTON	HX426C13SB2K4/32	4*8GB	DS	Hynix	15-15-35-36	1.2	• •
KINGSTON	HX426C13SB2K4/16	4*4GB	SS	Hynix	15-15-35-36	1.35	• •
PNY	MD16GX4D4266615AR	4*4GB	SS	N/A	15-19-19-35	1.2	• •
AVEXIR	AVD4U126681504G-4IPROG	4*4GB	DS	N/A	15-15-15-35	1.2	• •
AVEXIR	AVD4U126681504G	2*4GB	DS	N/A	15-15-35-35	1.2	• •
CORSAIR	CMU32GX4M4A2666C16 (Ver5.20)	2*16GB	DS	Samsung	16-18-18-35	1.2	• •
CORSAIR	CMK32GX4M4A2666C16(Ver3.20)	4*8GB	DS	N/A	16-18-18-35	1.2	• •
CORSAIR	CMK16GX4M4A2666C16 (Ver3.31)	2*8GB	SS	Micron	16-18-18-35	1.2	• •
CORSAIR	CMK32GX4M4A2666C16 (Ver5.39)	2*16GB	DS	N/A	16-18-18-35	1.2	• •
CORSAIR	CMK16GX4M4A2666C15 (Ver5.20)	4*4GB	SS	N/A	15-17-17-35	1.2	• •
CORSAIR	CMK8GX4M4A2666C15 (Ver5.3)	4*16GB	DS	Hynix	16-18-18-35	1.2	• •
CORSAIR	CMK32GX4M4A2666C15 (Ver5.20)	4*8GB	DS	Hynix	15-17-17-35	1.2	• •
TEAM	TFRD4162666C15BBK	16GB	DS	Samsung	15-17-17-35	1.2	• •
TEAM	TFWD4G2666C15BBK	8GB	DS	Samsung	15-17-17-35	1.2	• •
TEAM	TD04162666C15BBK	4GB	SS	Hynix	15-17-17-35	1.2	• •
HvperX	HX426C15FBK2/16	2*8GB	DS	Micron	15-17-17-35	1.2	• •
Klevv	IM48G108N26-FFHYZ	8GB	SS	Hynix	15-15-15-35	1.2	• •
Klevv	IM44G1048N26-FFHYZ	16GB	DS	Hynix	15-15-15-35	1.2	• •
Klevv	IM44G1048N26-FFHAZ	4GB	SS	Hynix	15-15-15-35	1.2	• •
CORSAIR	CMK16GX4M4A2666C16(Ver5.30)	8GB	SS	Hynix	16-18-18-35	1.2	• •
ADATA	AX4U2666W4916-BRZ	4GB	SS	Hynix	16-16-16-39	1.2	• •
ADATA	AD4U2666W916-ORZ	4*8GB	DS	Hynix	16-16-16-39	1.2	• •
crucial	BLS8G4D26BFS-16FBR2	8GB	DS	N/A	16-18-18-38	1.2	• •
crucial	BL S16G4D26BFS-16FBD	16GB	DS	Micron	16-18-18-38	1.2	• •
crucial	BL S8G4D26BFS-16FBR2	4GB	SS	N/A	16-18-18-38	1.2	• •
CORSAIR	CMK128GX4M8A2666C16(Ver5.39)	8*16GB	DS	Hynix	16-18-18-36	1.2	• •
CORSAIR	CMR16GX4M4A2666C16(Ver5.30)	2*8GB	SS	Hynix	16-18-18-35	1.2	• •
CORSAIR	CMR8GX4M4A2666C16(Ver5.30)	8*8GB	SS	N/A	16-18-18-35	1.2	• •
HvperX	HX426C13PB3K4/4	4*16GB	DS	Hynix	13-15-15-35	1.2	• •
G.SKILL	F4-2666C16Q2-64GRB	8*8GB	SS	Hynix	16-16-16-36	1.2	• •
HvperX	HX426C15SBK8/128	8*16GB	DS	N/A	15-16-16-35	1.2	• •
HvperX	HX426C13PB3	4*8GB	SS	N/A	13-15-15-35	1.35	• •
HvperX	HX426C13PB3K2/16	4*8GB	SS	N/A	13-15-15-35	1.35	• •
HvperX	HX424C12PB3/8	4*8GB	SS	N/A	13-15-15-35	1.35	• •
HvperX	HX424C12PB3K2/16	4*8GB	SS	N/A	13-15-15-35	1.35	• •
HvperX	HX424C12PB3K4/2	4*8GB	SS	N/A	13-15-15-35	1.35	• •
HvperX	HX426C13PB3/16	4*16GB	DS	Hynix	13-15-15-35	1.35	• •
HvperX	HX426C13PB3K2/32	4*16GB	DS	Hynix	13-15-15-35	1.35	• •
HvperX	HX424C12PB3K4/4	4*16GB	DS	Hynix	13-15-15-35	1.35	• •
HvperX	HX424C12PB3/16	4*16GB	DS	Hynix	13-15-15-35	1.35	• •
HvperX	HX424C12PB3K2/32	4*16GB	DS	Hynix	13-15-15-35	1.35	• •
CRUCIAL	BL S8G4D26BFS-8FBR	8GB	SS	Micron	16-18-18-38	1.2	• •
CRUCIAL	BL S8G4D26BFS-8FBR2	8GB	SS	Micron	16-18-18-38	1.2	• •
MICRON	MT88AT1G64AZ-2GGH1	8GB	SS	Hynix	19-19-19-43	1.2	• •
TIGO	TMK888888-2666N	8GB	SS	N/A	19-19-19-43	1.2	• •
ADATA	AX4U2666S3C16-BRZ	8*8GB	SS	Hynix	16-16-16-39	1.2	• •
ADATA	AD4U2666S3C19-B	8*8GB	SS	N/A	19-19-19-43	1.2	• •
ADATA	AD4U2666S16G19-B	16*16GB	DS	N/A	19-19-19-43	1.2	• •
PANRAM	W4U12666PS-16G	2*16GB	DS	Hynix	16-18-18-35	1.2	• •
PANRAM	W4U12666PS-8G	2*8GB	DS	panram	16-18-18-35	1.2	• •
Team	TPD416G2666HC19BK	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TED416G2666C1901	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPD416G2666HC1901	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPD416G2666HC1901	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TED432G2666C19DC01	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPR432G2666HC19DC01	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPD464G2666C190C01	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPR464G2666HC190C01	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPD464G2666HC190C01	16GB	DS	Micron	19-19-19-43	1.2	• •
Team	TPD48G2666HC19BK	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED48G2666C1901	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR48G2666HC1901	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD48G2666HC1901	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED416G2666C19DC01	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR416G2666HC19DC01	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD416G2666HC19DC01	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED432G2666C190C01	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR432G2666HC190C01	8GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD44G2666HC19BK	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED44G2666C1901	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR44G2666HC1901	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD44G2666HC1901	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED48G2666C190C01	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR48G2666HC190C01	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD48G2666HC190C01	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TED416G2666C190C01	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPR416G2666HC190C01	4GB	SS	N/A	19-19-19-43	1.2	• •
Team	TPD416G2666HC190C01	4GB	SS	N/A	19-19-19-43	1.2	• •

2 DIMM Slots

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

* 1 DIMM: Supports one (1) module inserted into any gray slot as Single-channel memory configuration.

* 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration.

- Make sure to install the memory modules from the gray slots first.

- 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.

- DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel® 8th Generation 6-core or higher processors.

PRIME H310M-AT R2.0

DDR4 3200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage(V)	Speed/Spec	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
PANRAM	PUD43200C164G4NJW	4* 4GB	SS	N/A	16-18-18-39	1.35	DDR4-2666	●	●
MUSHKIN	99720ZF	2*4GB	SS	N/A	15-15-15-36	1.2	DDR4-2666	●	●
G.SKILL	F4-3200C16Q-RGVBK	2*4GB	SS	Samsung	16-18-18-39	1.35	DDR4-2666	●	●
APACER	7B.BAGMD_AF20B	2*4GB	SS	Hynix	16-16-16-36	1.35	DDR4-2666	●	●
PATRIOT	PV48G320C6K	2*4GB	SS	N/A	16-16-16-36	1.35	DDR4-2666	●	●
HvperX	HX432C16P83K4/32	4*8GB	SS	Hynix	16-18-18-36	1.35	DDR4-2666	●	●
ADATA	AX4U3200W8G16-BGZ	8GB	DS	Samsung	16-16-16-36	1.35	DDR4-2666	●	●
TEAM	TFW0416G3200C16CBK	16GB	DS	Samsung	16-18-18-38	1.35	DDR4-2666	●	●
TEAM	TFW048G3200C16CBK	8GB	DS	Samsung	16-18-18-38	1.35	DDR4-2666	●	●
G.SKILL	F4-3200C16Q-16G17Z	2*8GB	SS	N/A	16-18-18-39	1.35	DDR4-2666	●	●
G.SKILL	CMDS2GX4M2C3200C16(Ver5.39)	4*8GB	SS	Samsung	14-14-14-34	1.35	DDR4-2666	●	●
CORSAIR	CMK16GX4M2B3200C16(Ver4.24)	2*16GB	DS	Hynix	16-18-18-36	1.35	DDR4-2666	●	●
CORSAIR	CMU16GX4M2C3200C16(Ver5.39)	8*8GB	SS	N/A	16-18-18-36	1.35	DDR4-2666	●	●
Team	CMK32GX4M2B3200C16(Ver5.39)	8GB	SS	Hynix	16-18-18-38	1.35	DDR4-2666	●	●
CORSAIR	CMK8GX4M8B3200C16(Ver4.31)	2*8GB	DS	Samsung	16-18-18-36	1.35	DDR4-2666	●	●
G.SKILL	CMK16GX4M2B3200C16(Ver4.24)	2*8GB	DS	N/A	16-18-18-36	1.35	DDR4-2666	●	●
CORSAIR	CMU16GX4M2C3200C16(Ver5.39)	2*8GB	SS	Hynix	16-18-18-36	1.35	DDR4-2666	●	●
G.SKILL	F4-3200C16S-8GRKB	8GB	SS	N/A	16-18-18-38	1.35	DDR4-2666	●	●
CORSAIR	CMU32GX4M2C3200C16(Ver5.39)	2*16GB	DS	Hynix	16-18-18-36	1.35	DDR4-2666	●	●
Hvper X	HX432C16P83K2/16	2*8GB	SS	Hynix	16-18-18-36	1.35	DDR4-2666	●	●

2 DIMM Slots

- For each DRAM channel (A,B), make sure to install the DRAM module to gray slot first.
- 1 DIMM: Supports one (1) module inserted into any gray slot as Single-channel memory configuration.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration.

- Make sure to install the memory modules from the gray slots first.

- 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.
- DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel® 8th Generation 6-core or higher processors.

PRIME H310M-AT R2.0

DDR4 3300 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage(V)	Speed/Spec	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
ADATA	AX4U3333W4G16-QGZ	4*8GB	SS	N/A	16-16-16-36	1.35	DDR4-2666	●	●
HvperX	HX432C16P83K2/16	2*8GB	SS	N/A	16-18-18-36	1.35	DDR4-2666	●	●
G.SKILL	F4-3300C16Q-16GRKD	4*4GB	SS	Hynix	16-16-16-36	1.35	DDR4-2666	●	●
CORSAIR	CMR32GX4M4C3333C16(Ver4.31)	4*8GB	SS	Samsung	16-18-18-35	1.35	DDR4-2666	●	●

2 DIMM Slots

- For each DRAM channel (A,B), make sure to install the DRAM module to gray slot first.
- 1 DIMM: Supports one (1) module inserted into any gray slot as Single-channel memory configuration.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration.

- Make sure to install the memory modules from the gray slots first.

- 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.
- DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel® 8th Generation 6-core or higher processors.

PRIME H310M-AT R2.0

DDR4 3400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage(V)	Speed/Spec	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
QELL	GLWR4160B3400C16AQC	4*4GB	SS	N/A	16-18-18-36	1.35	DDR4-2666	●	●
G.SKILL	F4-3400C16Q-16GRBD	4*4GB	SS	Samsung	16-18-18-39	1.35	DDR4-2666	●	●
G.SKILL	F4-3466C16Q-16GVK	4*4GB	SS	N/A	16-18-18-38	1.35	DDR4-2666	●	●
CORSAIR	CMD16GX4M4B3466C18 (Ver4.23)	4*4GB	SS	N/A	18-19-19-39	1.35	DDR4-2666	●	●
PATRIOT	CMDS2GX4M2B3466C16(Ver4.31)	2*4GB	SS	Samsung	17-18-18-36	1.35	DDR4-2666	●	●
CORSAIR	CMU32GX4M4C3400C16R (Ver5.20)	4*8GB	SS	Samsung	16-18-18-36	1.35	DDR4-2666	●	●
CORSAIR	CMDS2GX4M2B3466C16(Ver4.31)	2*16GB	DS	Samsung	16-18-18-36	1.35	DDR4-2666	●	●
CORSAIR	CMR16GX4M2C3466C16(Ver4.31)	2*8GB	SS	Samsung	16-18-18-36	1.35	DDR4-2666	●	●
G.SKILL	F4-3466C16Q-24G17Z	8* 8GB	SS	N/A	16-18-18-38	1.35	DDR4-2666	●	●

2 DIMM Slots

- For each DRAM channel (A,B), make sure to install the DRAM module to gray slot first.
- 1 DIMM: Supports one (1) module inserted into any gray slot as Single-channel memory configuration.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration.

- Make sure to install the memory modules from the gray slots first.

- 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.
- DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel® 8th Generation 6-core or higher processors.

PRIME H310M-AT R2.0

DDR4 3600+ Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Timing	Voltage(V)	Speed/Spec	DIMM socket support (Optional)	
								1 DIMM	2 DIMM
G.SKILL	F4-3600-C17Q-16GVK	4*4GB	SS	N/A	17-18-18-38	1.35	DDR4-2666	●	●
GALAXY	HOF46CALCS3600K17LD162C	2*8GB	SS	Samsung	17-18-18-38	1.35	DDR4-2666	●	●
CORSAIR	CMDB9GX4M2B3600C18 (Ver4.24)	2*4GB	SS	Samsung	18-19-19-39	1.35	DDR4-2666	●	●
CORSAIR	CMDB9GX4M2B3600C18 (Ver4.24)	2*4GB	SS	N/A	17-19-19-39	1.35	DDR4-2666	●	●
G.SKILL	F4-3666C18Q-16G17Z	4*4GB	SS	Samsung	18-22-22-42	1.35	DDR4-2666	●	●
G.SKILL	F4-4000C19D-8G17Z	2*4GB	SS	Samsung	19-21-21-41	1.35	DDR4-2666	●	●
G.SKILL	F4-4000C19D-16G17ZSW	2*8GB	SS	Samsung	19-21-21-41	1.35	DDR4-2666	●	●
G.SKILL	F4-4266C19D-16G17ZKW	2*8GB	SS	Samsung	19-19-19-39	1.4	DDR4-2666	●	●
G.SKILL	F4-4400C19D-16G17ZSW	2*8GB	SS	Samsung	19-19-19-39	1.4	DDR4-2666	●	●
G.SKILL	F4-4600C19D-16G17ZSWC	2*8GB	SS	Samsung	19-23-23-43	1.5	DDR4-2666	●	●
G.SKILL	F4-4600C19D-16G17ZKA	2*8GB	SS	Samsung	19-19-19-39	1.45	DDR4-2666	●	●
GALAXY	HOF46CAL1BSR3600K17LD162C	2*8GB	SS	Samsung	17-18-18-38	1.35	DDR4-2666	●	●
KINGSTON	HX436C17P83K4/32	4*8GB	SS	Samsung	17-18-18-39	1.35	DDR4-2666	●	●

2 DIMM Slots

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