

PRIME H310M-R R2.0

DDR4 2133 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage (V) | Socket support (O) | |
|----------|------------------------------|--------|-------|--------------|-------------|-------------|--------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| SAMSUNG | M378A5143DB0--CPB | 4GB | SS | Samsung | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M378A1G43DB0--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 | HX421C13PBK4/16 | 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 | MTA8ATF51264AZ-2G1A1 | 4GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| CORSAIR | CMV4GX4M1A2133C15 | 4GB | SS | N/A | 15-15-15-36 | 1.2 | • | • |
| KINGSTON | HX421C14FB/8 | 8GB | DS | Hynix | 14-14-14-35 | 1.2 | • | • |
| APACER | 78.C1GM3.AF10B | 8GB | DS | Hynix | 16-16-16-36 | 1.2 | • | • |
| KINGSTON | HX421C13SBK4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.2 | • | • |
| KINGSTON | KVR21N15D8/8 | 8GB | DS | Hynix | 15-15-15-36 | 1.2 | • | • |
| GALAXY | GAM4DBLBM213315IE081C | 8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| AVEXIR | AVD4U21331508G-1C0B | 8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M4A2133C13 (Ver5.29) | 4*4GB | SS | N/A | 13-15-15-28 | 1.2 | • | • |
| GEIL | GPR48GB2133C15DC | 2*4GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| KINGSTON | HX421C14FBK4/32 | 4*8GB | DS | Hynix | 14-14-14-35 | 1.2 | • | • |
| TEKISM | T4U2133B8G15-SAD | 8GB | DS | SEC 446 BCPB | 15-15-15-36 | 1.2 | • | • |
| G.SKILL | F4-2133C15Q-16GRB | 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 | TED48GM2133C15BK | 8GB | DS | Hynix | 15-15-15-36 | 1.2 | • | • |
| ADATA | AD4U2133W8G15-B | 16*8GB | DS | Hynix | 15-15-15-36 | 1.2 | • | • |
| CRUCIAL | CT8G4DFD8213.16FA11 | 4*8GB | DS | Micron | 15-15-15-36 | 1.2 | • | • |

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|----------|-----------------------|-------|----|----------|-------------|-----|---|---|
| KINGSTON | KVR21E15S8/4 | 4GB | SS | Hynix | 15-15-15-36 | 1.2 | • | • |
| G.SKILL | F4-2133C15S-4GNT | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2133C15S-8GNT | 8GB | DS | Hynix | 15-15-15-35 | 1.2 | • | • |
| TEAM | TPAD44G2133HC15BK | 4GB | SS | Samsung | 15-15-15-36 | 1.2 | • | • |
| APACER | AHU08GGB13CGT7G | 8GB | DS | Hynix | 16-16-16-36 | 1.2 | • | • |
| ASINT | SLB404G08-CCN2B 1615 | 8GB | DS | Hynix | 15-15-15-36 | 1.2 | • | • |
| PATRIOT | PSD48G21332 | 8GB | DS | PAIROT | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M378A1K43BB1-CPB | 8GB | SS | Samsung | 15-15-15-36 | 1.2 | • | • |
| KINGSTON | HX421C14FB2/8 | 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 | TC48G21S818-IMS | 4*8GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| TEAM | TED416G2133C15BK | 16GB | DS | Micron | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M378A5143EB1-CPB | 4GB | SS | Samsung | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M378A5143EB1-CPB | 4GB | SS | Samsung | 15-15-15-36 | 1.2 | • | • |
| TEAM | TED48G2133C15BK | 8GB | SS | SpecTek | 15-15-15-36 | 1.2 | • | • |
| ANUCCELL | GRPIF1621033818594 | 8GB | DS | ANUCCELL | 16-16-16-35 | 1.2 | • | • |
| TIGO | TMKU8G868-2133P | 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 | TC48G21S815 | 8GB | SS | Hynix | 15-15-15-36 | 1.2 | • | • |
| V-COLOR | TC48G21S815-IMS | 8GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M378A2K43BB1CPB | 16GB | DS | SEC510 | 15-15-15-36 | 1.2 | • | • |
| G.SKILL | F4-2133C15Q-32GRR | 4*8GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2133C15Q2-64GRR | 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 | CT4G4DFS8213.C8FBD2 | 4GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| GEIL | GFY48GB2133C15DC | 4GB | SS | N/A | 15-15-15-36 | 1.2 | • | • |
| Klevv | IM48GU88N21-FFFHMB | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| Klevv | IM44GU48N21-FFFHAB | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |

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|----------------------|------------------------------------|---------------|-----------|----------------|---------------------|------------|----------|----------|
| Klevv | IM4AGU88N21-FFFHMB | 16GB | DS | Hynix | 15-15-15-35 | 1.2 | • | • |
| GEIL | GPR432GB2133C15QC | 8GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| SK HYNIX | HMA451U6AFR8N-TF | 4*4GB | SS | Hynix | 15-15-15-36 | 1.2 | • | • |
| GLOWAY | STK4U2133D15041C/ PC4-17000 | 4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2133C15Q-64GFX | 4*16GB | DS | N/A | 15-15-15-36 | 1.2 | • | • |
| G.SKILL | F4-2133C15Q-32GFX | 4*8GB | SS | N/A | 15-15-15-36 | 1.2 | • | • |
| G.SKILL | F4-2133C15S-8GDB | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| AVANT | AVW6451U67J5213N3-SAEP | 4GB | SS | SEC 549 | 15--15-15-36 | 1.2 | • | • |
| AVANT | AVW641GU67J5213N2-SAEP | 8GB | DS | SEC 549 | 15--15-15-36 | 1.2 | • | • |
| SanMax | SMD4-U4G28SE-21P | 4GB | SS | SEC 534 | 15-15-15-36 | 1.2 | • | • |
| ADATA | AD4U213338G15-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 | R2DD4N04G2133 | 4GB | SS | Micron | 15-15-15-35 | 1.2 | • | • |
| Ramsta | R2DD4N08G2133 | 8GB | SS | Micron | 15-15-15-36 | 1.2 | • | • |
| APACER | AU16GGB13CDYBGC | 16GB | DS | APACER | 15-15-15-36 | 1.2 | • | • |
| silicon power | SP004GBLFU213N02 | 4GB | SS | Hynix | 15-15-15-36 | 1.2 | • | • |
| TEKISM | T4U2133B8G15-HYM | 2* 8GB | DS | Hynix | 15-15-15-36 | 1.2 | • | • |
| TIGO | TMKU4G456-2133P | 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. Install the module into the A2 or B2 slot for better compatibility.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

- 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-R R2.0

DDR4 2400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Socket support (O) | |
|----------|-------------------------------|--------|-------|------------|-------------|------------|--------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| ADATA | AX4U2400W8G16-DRZ | 8GB | DS | N/A | 17-16-16-39 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-32GRB | 4*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| GLOWAY | PC4-19200 | 4GB | DS | GLOWAY | 16-16-16-35 | 1.2 | • | • |
| PANRAM | PUD42400C154G4NJW | 4*4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| PANRAM | PUD42400C158G4NJW | 4*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| CRUCIAL | BLS4K4G4D240FSA | 4GB | SS | Micron | 16-16-16-39 | 1.2 | • | • |
| GEIL | GPR416GB2400C15QC | 4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| MUSHKIN | 997199F | 2*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| KINGSTON | HX424C15FBK4/32 | 4*8GB | DS | Hynix | 15-15-15-35 | 1.2 | • | • |
| APACER | 78.C1GMA.AF30B | 8G | DS | Hynix | 16-16-16-36 | 1.2 | • | • |
| PNY | MD16GK2D4240015AB | 2*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2400C15D-169GVR | 2*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| CORSAIR | CM4X8GE2400C14K4-CN (Ver4.24) | 8GB | DS | N/A | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK8GX4M1A2400C14(Ver3.20) | 8GB | DS | N/A | 14-16-16-31 | 1.2 | • | • |
| PATRIOT | PV416G240C5QK | 4*4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| KINGSTON | HX424C15FBK4/16 | 4*4GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2400C14Q2-128GRK | 8*16GB | DS | Samsung | 14-14-14-34 | 1.2 | • | • |
| G.SKILL | F4-2400C14Q-16GRK | 4*4GB | SS | Hynix | 14-14-14-34 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-16GRR | 4*4GB | SS | Samsung | 15-15-15-35 | 1.2 | • | • |
| AVEXIR | AVD4UZ124001608G-4COR | 4*8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| AVEXIR | AVD4UZ124001604G-4COB | 4*4GB | SS | N/A | 16-16-16-36 | 1.2 | • | • |
| CRUCIAL | BLS8G4D240FSA.16FADG | 8GB | DS | Micron | 16-16-16-39 | 1.2 | • | • |
| TEAM | TED48G2400C16BK | 8GB | DS | Hynix | 16-16-16-39 | 1.2 | • | • |
| KINGSTON | HX424C12PBK4/32 | 4*8GB | DS | Hynix | 12-13-13-35 | 1.35 | • | • |
| G.SKILL | F4-2400C15Q-32GRR | 4*8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |

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|----------|-------------------------------|--------|----|---------|-------------|------|---|---|
| GEIL | DDR48GB2400C16QC | 8GB | SS | Micron | 17-16-16-36 | 1.2 | • | • |
| CORSAIR | CM4X8GE2400C16K4-CN (Ver5.20) | 8GB | DS | Hynix | 16-16-16-39 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2400C14 (Ver4.23) | 4*8GB | DS | N/A | 14-16-16-31 | 1.2 | • | • |
| AMD | R748G2400U2S | 8GB | DS | N/A | 15-15-15-36 | 1.2 | • | • |
| MICRON | MTA16ATF2G64AZ-2G3B1 | 16GB | DS | Micron | 17-17-17-39 | 1.2 | • | • |
| MICRON | MTA8ATF1G64AZ-2G3B1 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | • | • |
| KINGSTON | HX424C12SB2K4/16 | 4*4GB | SS | Hynix | 12-14-14-35 | 1.35 | • | • |
| KINGSTON | HX424C12SB2K4/32 | 4*8GB | DS | Hynix | 12-14-14-35 | 1.35 | • | • |
| KINGSTON | HX424C15FBK2/16 | 2*8GB | DS | Hynix | 15-15-15-35 | 1.2 | • | • |
| GALAXY | GAM4BXLBS240016JE164C | 4*4GB | SS | N/A | 16-16-16-36 | 1.2 | • | • |
| APACER | AH08GGB24CDT5H | 2*8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| CORSAIR | CMK8GX4M2A2400C14(Ver3.28) | 2* 4GB | SS | N/A | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK16GX4M2A2400C14 | 2*8GB | DS | N/A | 14-16-16-31 | 1.2 | • | • |
| AVEXIR | AVD4UZ124001608G-1COB | 8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| AVEXIR | AVD4U24001608G-1BW | 8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| APACER | AU08GGB24CETBGC | 8GB | DS | APACER | 17-17-17-39 | 1.2 | • | • |
| AVEXIR | AVD4UZ124001608G-2COR | 2*8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| V-COLOR | 8GTC48G24S817-IMS | 4*8GB | SS | V-COLOR | 17-17-17-39 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-64GIS | 4*16GB | DS | Micron | 15-15-15-35 | 1.2 | • | • |
| CRUCIAL | BLS8G4D24OFSB.16FARG | 4*8GB | DS | Micron | 16-16-16-39 | 1.2 | • | • |
| GEIL | GLW416GB2400C15DC | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| TEAM | TDTRD48G2400HC15ABK | 8GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| TEAM | TDRED48G2400HC14BK | 8GB | DS | Hynix | 14-16-16-31 | 1.2 | • | • |
| ADATA | AX4U2400W8G16-BRZ | 8GB | DS | N/A | 17-16-16-39 | 1.2 | • | • |
| KINGSTON | HX424C15FB/16 | 16GB | DS | Micron | 15-15-15-35 | 1.2 | • | • |
| CRUCIAL | BLS8G4D240FSC.16FARG | 8GB | DS | Micron | 16-16-16-39 | 1.2 | • | • |
| GALAXY | GAM4HFL1BM2400D15IE08IC | 8G | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M4A2400C16R(Ver3.31) | 4*8GB | SS | Micron | 16-16-16-39 | 1.2 | • | • |
| CORSAIR | CMD16GX4M4B2400C10 | 4*4GB | SS | Hynix | 10-12-12-28 | 1.35 | • | • |
| MUSHKIN | 997199T | 2*8GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| GEIL | 8G2133C151.2V | 8GB | DS | Hynix | 14-16-16-35 | 1.2 | • | • |

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|----------|-----------------------|---------|----|---------|-------------|------|---|---|
| TEAM | TED416G2400C16BK | 16GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| TEAM | TCD44G2400C14BK | 4GB | SS | Hynix | 14-16-16-31 | 1.2 | ● | ● |
| TIGO | TMKU8GF28-2400U | 8GB | DS | N/A | 17-17-17-39 | 1.2 | ● | ● |
| APACER | AU08GGB24CEYBGC | 8GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| KINGSTON | HX424C12SB2K2/16 | 16G | DS | Hynix | 12-14-14-35 | 1.35 | ● | ● |
| GLOWAY | PC4-19200 | 8GB | SS | N/A | 15-15-15-35 | 1.2 | ● | ● |
| ADATA | AX4U240038G16-BWZ | 8*8GB | SS | Hynix | 17-16-16-39 | 1.2 | ● | ● |
| ADATA | AX4U2400316G16-SBF | 16*16GB | DS | Hynix | 17-16-16-39 | 1.2 | ● | ● |
| AVEXIR | AVD4UZ124001608G-4COR | 4*8GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| AVEXIR | AVD4UZ124001604G-4COR | 4*4GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| KINGSTON | TF24D4U7S8MB-8 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| KINGSTON | TF24D4U7S8MBD-4 | 4GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| RAMAXEL | RMUA5120MB86H9F-2400 | 4GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| RAMAXEL | RMUA5120MB76H8F-2400 | 2GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| V-COLOR | TC48G24S817 | 8GB | SS | V-COLOR | 17-17-17-39 | 1.2 | ● | ● |
| ADATA | AX4U240038G16-SBF | 8*8GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| ADATA | AX4U2400W8G16-DRD | 8GB | DS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| ADATA | AX4U2400316G16-DRD | 16GB | DS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q2-64GRK | 8*8GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| TEAM | TCD48G2400C14BK | 8GB | SS | Micron | 14-16-16-31 | 1.2 | ● | ● |
| TEAM | TED44G2400C16BK | 4GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| CRUCIAL | BLS16G4D240FSE.16FAD | 16GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| CRUCIAL | BLS4G4D240FSA.8FARG | 4GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| PATRIOT | PV48G240C5 | 8GB | DS | N/A | 15-15-15-35 | 1.2 | ● | ● |
| TEAM | TFWD416G2400C15BBK | 16GB | DS | TEAM | 15-17-17-35 | 1.2 | ● | ● |
| TEAM | TFRD44G2400C15ABK | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM44GU48N24-FFFHAZ | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM4AGU88N24-FFFHMZ | 16GB | DS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM48GU88N24-FFFHMZ | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM4AGU88N24-FFFHMB | 16GB | DS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM48GU88N24-FFFHMB | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |

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|---------|------------------------------|--------|----|---------|-------------|-----|---|---|
| Klevv | IM44GU48N24-FFFHAB | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2400C15D-16GTZR | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| CRUCIAL | MTA16ATF1G64AZ-2G3A2 | 8GB | DS | Micron | 17-17-17-39 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-64GFX | 4*16GB | DS | Hynix | 15-15-15-39 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-32GFX | 4*8GB | SS | Hynix | 15-15-15-39 | 1.2 | • | • |
| G.SKILL | F4-2400C16Q-64GFX | 4*16GB | DS | Hynix | 16-16-16-39 | 1.2 | • | • |
| G.SKILL | F4-2400C16Q-32GFX | 4*8GB | SS | Hynix | 16-16-16-39 | 1.2 | • | • |
| CORSAIR | CMK16GX4M2Z2400C16(Ver3.31) | 2* 8GB | SS | Micron | 16-16-16-18 | 1.2 | • | • |
| CORSAIR | CMK128GX4M8A2400C14(Ver5.30) | 8*16GB | DS | Hynix | 14-16-16-31 | 1.2 | • | • |
| AMD | R744G2400U1S | 4GB | SS | N/A | 15-15-15-36 | 1.2 | • | • |
| CORSAIR | CMK128GX4M8A2400C14(Ver5.30) | 8*16GB | DS | Hynix | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK16GX4M2Z2400C16(Ver3.31) | 2*8GB | SS | Micron | 16-16-16-39 | 1.2 | • | • |
| GeIL | GFR416GB2400C16S | 16GB | SS | Micron | 16-16-16-36 | 1.2 | • | • |
| GeIL | GFR432GB2400C16D | 16GB | SS | Micron | 16-16-16-36 | 1.2 | • | • |
| HyperX | HX424C15FB2K4/32 | 4*8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| GLOWAY | STK4U2400D17081C | 8GB | DS | Micron | 17-17-17-39 | 1.2 | • | • |
| GLOWAY | STK4U2400D17081C | 8GB | SS | Micron | 17-17-17-39 | 1.2 | • | • |
| GLOWAY | STK4U2400D17161C | 16GB | SS | Micron | 17-17-17-39 | 1.2 | • | • |
| PATRIOT | PSD48G240081 | 8GB | SS | SEC 710 | 17-17-17-39 | 1.2 | • | • |
| PATRIOT | PSD44G240081 | 4GB | SS | SEC 707 | 16-16-16-39 | 1.2 | • | • |
| PATRIOT | PSD416G24002 | 16GB | DS | SEC 707 | 17-17-17-39 | 1.2 | • | • |
| PATRIOT | PV432G240C5QK | 4*8GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| PATRIOT | PVE48G240C5KRD | 2*4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| PATRIOT | PVE416G240C5KBL | 2*8GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| SAMSUNG | M378A2K43CB1-CRC | 16GB | DS | Samsung | 17-17-17-39 | 1.2 | • | • |
| Crucial | CT8G4DFS824A.C8FBD1 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | • | • |
| ADATA | AD4X240038G17-BP | 8*8GB | SS | SpecTek | 17-17-17-39 | 1.2 | • | • |
| APACER | AHU08GGB24CDU7S | 8GB | SS | N/A | 16-16-16-36 | 1.2 | • | • |
| Crucial | BLS8G4D240FSC.16FBR2 | 8GB | DS | Micron | 16-16-16-39 | 1.2 | • | • |
| Asgard | VML41UG-MIC1U22ZG | 8GB | SS | Micron | 17-17-17-39 | 1.2 | • | • |
| KINGMAX | GLLH22F-18KIIA CFBU2 | 16GB | DS | N/A | 17-17-17-39 | 1.2 | • | • |

| | | | | | | | | |
|---------------|----------------------------|-------|----|---------|-------------|-----|---|---|
| KINGMAX | GLLG42F-D8KBIA CFDU | 8GB | DS | KINGMAX | 17-17-17-39 | 1.2 | ● | ● |
| GEIL | GP44GB2400C16SC | 4GB | SS | Micron | 17-16-16-36 | 1.2 | ● | ● |
| Kingston | KVR24N17S8/4 | 4GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| CRUCIAL | BLS16G4D240FSC.16FBR | 16GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| CRUCIAL | BLS8G4D240FSC.8FBD | 8GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| CRUCIAL | CT8G4DFD824A.C16FBD2 | 8GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| CRUCIAL | CT16G4DFD824A.C16FHD1 | 16GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| ADATA | AX4U240038G16-BRZ | 8*8GB | SS | Hynix | 17-16-16-39 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15S-8GNT | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Crucial | CT8G4DFS824A.C8FHD1 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| APACER | AU08GGB24CEYBGH | 8GB | SS | N/A | 17-17-17-39 | 1.2 | ● | ● |
| GALAXY | GAMER D4-2400 8G C16 紅燈 | 8GB | DS | Hynix | 16-16-16-36 | 1.2 | ● | ● |
| GALAXY | GAMER D4-2400 8G C16 綠燈 | 8GB | DS | Hynix | 16-16-16-36 | 1.2 | ● | ● |
| GALAXY | GAMER III DDR4-2400 8G C16 | 8GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| Ramsta | R2DD4N04G2400 | 4GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| Ramsta | R2DD4N16G2400 | 16GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| TIGO | TMKU8G868-2400U | 8GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| HyperX | HX424C15FB/4 | 4GB | SS | Micron | 15-15-15-35 | 1.2 | ● | ● |
| CRUCIAL | BLS8G4D240FSE.16FBR2 | 8GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| APACER | AHU08GGB24CDU7G | 8GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| GEIL | GASB416GB2400C16QC | 4GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| GEIL | GASB432GB2400C16QC | 8GB | SS | N/A | 16-16-16-36 | 1.2 | ● | ● |
| TIGO | TMKU8G868-2400U | 8GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| APACER | AU16GGB24CEYBGC | 16GB | DS | APACER | 17-17-17-39 | 1.2 | ● | ● |
| GEIL | GLS48GB2400C16DC | 4GB | SS | N/A | 17-16-16-36 | 1.2 | ● | ● |
| GLOWAY | TYP8U2400E17042C | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Asgard | VML41UG-MEC1U2BQ1 | 8GB | SS | N/A | 17-17-17-39 | 1.2 | ● | ● |
| silicon power | SP008GBLFU240B02 | 8GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| GeIL | GLS48GB2400C16DC | 4GB | SS | Micron | 17-16-16-36 | 1.2 | ● | ● |
| TIGO | TMKU4G456-2400U | 4GB | SS | TIGO | 17-17-17-39 | 1.2 | ● | ● |

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|---------|--------------------------------------|--------|----|----------|-------------|-----|---|---|
| TIGO | TMKUFGF68-2400U | 16GB | DS | TIGO | 17-17-17-39 | 1.2 | ● | ● |
| HYUNDAI | HYE4G24C17 | 4GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| HYUNDAI | HYE8G24C17 | 8GB | SS | Hynix | 17-17-17-39 | 1.2 | ● | ● |
| Apacer | AU16GGB24CEYBGH | 16GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| MAXSUN | MSD48G24Q3 | 8GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| TECLAST | TLD44G24A30 | 4GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| TECLAST | TLD48G24A30 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Kingson | KVR24N17S8/80-SP | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| ADATA | AD4U2400W4G17-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 | AX4U2400316G16-DRD(XMP) | 16GB | DS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| ADATA | AX4U2400316G16-SBF(XMP) | 16GB | DS | SK Hynix | 15-15-15-36 | 1.2 | ● | ● |
| ADATA | AX4U240038G16-BRS-R(XMP) | 8GB | SS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| ADATA | AX4U240038G16-SBF(XMP) | 8GB | SS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| ADATA | AX4U2400W8G16-BRZ(XMP) | 8GB | DS | SK Hynix | 15-15-15-36 | 1.2 | ● | ● |
| ADATA | AX4U2400W8G16-DRD(XMP) | 8GB | DS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| Apacer | 78.B1GMS.4050B | 4x 4GB | SS | Samsung | 17-17-17-39 | - | ● | ● |
| Apacer | 78.C1GMS.4010B | 4x 8GB | DS | Samsung | 17-17-17-39 | - | ● | ● |
| Apacer | EK.08G2T.GEC(XMP) | 8GB | SS | Micron | 17-17-17-39 | - | ● | ● |
| Apacer | EL.08G2T.GFM | 8GB | SS | SK Hynix | 17-17-17-39 | - | ● | ● |
| Asgard | VML41UE-MIC1U22Q1 | 2GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2400C14(Ver4.23)(XMP) | 4x 4GB | SS | - | 14-16-16-31 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2400C14(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 | CMK16GX4M2D2400C14(Ver4.21)(XMP) | 2x 8GB | DS | Samsung | 14-16-16-31 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M2Z2400C16(Ver3.31) | 2x 8GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |

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|---------|----------------------------------|---------|----|----------|-------------|-----|---|---|
| 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 | CMK8GX4M2D2400C14(Ver3.11)(XMP) | 2x 4GB | DS | Micron | 14-16-16-31 | 1.2 | ● | ● |
| crucial | BLS16G4D240FSB.16FBD(XMP) | 16GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| crucial | BLS4G4D240FSB.8FBD(XMP) | 4GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| crucial | BLS8G4D240FSBK.8FBD(XMP) | 8GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| crucial | CT16G4DFD824A.C16FDR1 | 16GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| G.SKILL | F4-2400C14Q2-128GRK(XMP) | 8x 16GB | DS | Samsung | 14-14-14-34 | 1.2 | ● | ● |
| G.SKILL | F4-2400C14Q2-128GRK(XMP) | 8x 16GB | DS | Samsung | 15-15-15-36 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q-16GRR(XMP) | 4x 4GB | SS | Micron | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q2-128GRK(XMP) | 8x 16GB | DS | Samsung | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q2-128GVK(XMP) | 8x 16GB | DS | SK Hynix | 15-15-15-36 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q2-64GRK(XMP) | 8x 8GB | DS | Samsung | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2400C15Q-32GRR(XMP) | 4x 8GB | DS | Micron | 15-15-15-35 | 1.2 | ● | ● |
| GeIL | GASB416GB2400C16QC(XMP) | 4GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| GeIL | GFR432GB2400C16D(XMP) | 16GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| GeIL | GLS48GB2400C16DC(XMP) | 4GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |
| GeIL | GPR416GB2400C15QC(XMP) | 4x 4GB | SS | Samsung | 15-15-15-35 | 1.2 | ● | ● |
| GeIL | GPR432GB2400C15QC(XMP) | 4x 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| GeIL | GPR432GB2400C16QC(XMP) | 4x 8GB | SS | Micron | 16-16-16-36 | 1.2 | ● | ● |

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|-----------------|-------------------------|---------|----|----------|-------------|------|---|---|
| GLOWAY | TYP4U2400D17021C | 2GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Hyper X | HX424C12PB2K4/16(XMP) | 4x 4GB | SS | SK Hynix | 12-13-13-35 | 1.2 | ● | ● |
| Hyper X | HX424C12SB2/4(XMP) | 4GB | SS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX424C12SB2K2/16(XMP) | 2x 8GB | DS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX424C12SB2K4/16(XMP) | 4x 4GB | SS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX424C12SB2K4/32(XMP) | 4x 8GB | DS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX424C15B2K4/32(XMP) | 4x 8GB | SS | Micron | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FB/4 | 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FB/8(XMP) | 8GB | SS | SK Hynix | 14-14-14-32 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK2/16 | 2x 16GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK2/8 | 2x 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK4/16 | 4x 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK4/16 | 4x4GB | SS | SK Hynix | 14-14-14-32 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK4/32 | 4x 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK4/32 | 4x 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX424C15FBK4/64 | 4x 16GB | DS | Micron | 15-15-15-35 | 1.2 | ● | ● |
| KINGMAX | GLLF62F-DAKZIG-CLBU | 4GB | SS | KINGMAX | 17-17-17-39 | - | ● | ● |
| KINGMAX | GLLH22F-18KIIA-CFBU2 | 16GB | DS | KINGMAX | 17-17-17-39 | - | ● | ● |
| Kingston | KVR24N17D8/16 | 16GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Kingston | KVR24N17D8/8 | 8GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Kingston | KVR24N17S8/4 | 4GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Kingston | KVR24N17S8/8 | 8GB | SS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| Klevv | IM44GU48N24-FFFHAB(XMP) | 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM44GU48N24-FFFHAZ(XMP) | 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM48GU88N24-FFFHMB(XMP) | 8GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM48GU88N24-FFFHMZ(XMP) | 8GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | IM4AGU88N24-FFFHMB(XMP) | 16GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Micron | MTA16ATF2G64AZ-2G3B1 | 16GB | DS | Micron | 17-17-17-39 | 1.2 | ● | ● |
| panram | W4U2400PS-8G | 8GB | SS | SK Hynix | 14-14-14-31 | - | ● | ● |
| PATRIOT | PSD44G240081 | 4GB | SS | Samsung | 16-16-16-39 | 1.2 | ● | ● |
| PATRIOT | PSD44G240081 | 4GB | SS | PATRIOT | 16-16-16-39 | 1.2 | ● | ● |

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|-----------------|-------------------------|--------|----|----------|-------------|-----|---|---|
| PATRIOT | PSD48G240081 | 8GB | SS | Samsung | 17-17-17-39 | 1.2 | ● | ● |
| PATRIOT | PV432G240C5QK(XMP) | 4x 8GB | SS | - | 15-15-15-35 | 1.2 | ● | ● |
| PATRIOT | PVE416G240C5KRD(XMP) | 2x 8GB | SS | - | 15-15-15-35 | - | ● | ● |
| PATRIOT | PVE48G240C5KRD(XMP) | 2x 4GB | SS | - | 15-15-15-35 | - | ● | ● |
| SK Hynix | HMA81GU6AFR8N-UH | 8GB | SS | SK Hynix | 17-17-17-39 | - | ● | ● |
| SK Hynix | HMA851U6AFR6N-UH | 4GB | SS | SK Hynix | 17-17-17-39 | - | ● | ● |
| Team | TCD44G2400C14BK(XMP) | 4GB | SS | SK Hynix | 15-15-15-36 | 1.2 | ● | ● |
| Team | TCD48G2400C14BK(XMP) | 8GB | SS | SK Hynix | 14-16-16-31 | 1.2 | ● | ● |
| Team | TED48G2400C16BK | 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Team | TF3D48G2400HC15BBK(XMP) | 8GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Team | TF4D48G2400HC15BBK(XMP) | 8GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Team | TFRD48G2400C15ABK(XMP) | 8GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| V-color | TD4G8C17-UH | 4GB | SS | SK Hynix | 15-15-15-36 | 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. Install the module into the A2 or B2 slot for better compatibility.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

- 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-R R2.0

DDR4 2666 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Socket support (O) | |
|----------|------------------------------|--------|-------|------------|-------------|------------|--------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| CORSAIR | CMK16GX4M4A2666C16 (Ver5.29) | 4*4GB | SS | N/A | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2666C15(Ver5.29) | 4*8GB | DS | N/A | 15-17-17-35 | 1.2 | • | • |
| MUSHKIN | 997192F | 2*4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| KINGSTON | HX426C13PBK4/32 | 4*8GB | DS | Hynix | 15-15-15-36 | 1.35 | • | • |
| KINGSTON | HX426C15FBK4/32 | 4*8GB | DS | Hynix | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD128GX4M8A2666C15 | 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 | BLE4G4D26AFEA.8FAD | 4GB | SS | Micron | 16-16-17-36 | 1.2 | • | • |
| CRUCIAL | BLE8G4D26AFEA.16FAD | 8GB | DS | Micron | 16-17-17-36 | 1.2 | • | • |
| AVEXIR | AVD4UZ126661504G-4COB | 4*4GB | SS | N/A | 15-15-15-36 | 1.2 | • | • |
| AVEXIR | AVD4UZ126661508G-4COB | 4*8GB | DS | N/A | 15-15-15-36 | 1.2 | • | • |
| CRUCIAL | BLT4G4D26AFTA.8FADG | 4GB | SS | Micron | 16-17-17-36 | 1.2 | • | • |
| KLEVV | IMA41GU6MFR8N-C F0 | 8GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| KINGSTON | HX426C13SB2K4/32 | 4*8GB | DS | Hynix | 15-15-15-36 | 1.35 | • | • |
| KINGSTON | HX426C13SB2K4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.35 | • | • |
| PNY | MD16GK4D4266615AXR | 4*4GB | SS | N/A | 15-15-15-35 | 1.2 | • | • |
| AVEXIR | AVD4UZ126661504G-4IPROG | 4*4GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| AVEXIR | AVD4UZ126661504G | 2*4GB | DS | N/A | 15-15-15-35 | 1.2 | • | • |
| CORSAIR | CMU32GX4M2A2666C16 (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 | CMK16GX4M2A2666C16 (Ver3.31) | 2*8GB | SS | Micron | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M2A2666C16 (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 | CMK64GX4M4A2666C16 (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 | • | • |

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|---------|------------------------------|--------|----|---------|-------------|------|---|---|
| TEAM | TFRD4162666C15BBK | 16GB | DS | Samsung | 15-17-17-35 | 1.2 | • | • |
| TEAM | TFWD48G2666C15BBK | 8GB | DS | Samsung | 15-17-17-35 | 1.2 | • | • |
| TEAM | TCD44G2666C15BBK | 4GB | SS | Hynix | 15-17-17-35 | 1.2 | • | • |
| HyperX | HX426C15FBK2/16 | 2*8GB | DS | Micron | 15-17-17-35 | 1.2 | • | • |
| Klevv | IM48GU88N26-FFFHMZ | 8GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| Klevv | IM4AGU88N26-FFFHMZ | 16GB | DS | Hynix | 15-15-15-35 | 1.2 | • | • |
| Klevv | IM44GU48N26-FFFHAZ | 4GB | SS | Hynix | 15-15-15-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M2A2666C16(Ver5.30) | 8GB | SS | Hynix | 16-18-18-35 | 1.2 | • | • |
| ADATA | AX4U2666W4G16-BRZ | 4GB | SS | Hynix | 16-16-16-39 | 1.2 | • | • |
| ADATA | AX4U2666W8G16-QRZ | 4*8GB | DS | Hynix | 16-16-16-39 | 1.2 | • | • |
| crucial | BLS8G4D26BFSC.16FBR2 | 8GB | DS | N/A | 16-18-18-38 | 1.2 | • | • |
| crucial | BLS16G4D26BFSC.16FBD | 16GB | DS | Micron | 16-18-18-38 | 1.2 | • | • |
| crucial | BLS4G4D26BFSC.8FBR2 | 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 | CMR16GX4M2A2666C16(Ver5.30) | 2*8GB | SS | Hynix | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMR64GX4M8A2666C16(Ver5.30) | 8* 8GB | SS | N/A | 16-18-18-35 | 1.2 | • | • |
| HyperX | HX426C16FB2K4/64 | 4*16GB | DS | Hynix | 16-18-18-39 | 1.2 | • | • |
| G.SKILL | F4-2666C16Q2-64GRB | 8*8GB | SS | Hynix | 16-16-16-36 | 1.2 | • | • |
| HyperX | HX426C15SBK8/128 | 8*16GB | DS | N/A | 15-16-16-35 | 1.2 | • | • |
| HyperX | HX426C13PB3/8 | 4*8GB | SS | N/A | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX426C13PB3K2/16 | 4*8GB | SS | N/A | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3/8 | 4*8GB | SS | N/A | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3K2/16 | 4*8GB | SS | N/A | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3K4/32 | 4*8GB | SS | N/A | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX426C13PB3/16 | 4*16GB | DS | Hynix | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX426C13PB3K2/32 | 4*16GB | DS | Hynix | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3K4/64 | 4*16GB | DS | Hynix | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3/16 | 4*16GB | DS | Hynix | 13-15-15-35 | 1.35 | • | • |
| HyperX | HX424C12PB3K2/32 | 4*16GB | DS | Hynix | 13-15-15-35 | 1.35 | • | • |
| CRUCIAL | BLS8G4D26BFSC.8FBR | 8GB | SS | Micron | 16-18-18-38 | 1.2 | • | • |
| CRUCIAL | BLS8G4D26BFSC.8FBD | 8GB | SS | Micron | 16-18-18-38 | 1.2 | • | • |

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|--------|----------------------|---------|----|--------|-------------|-----|---|---|
| MICRON | MTA8ATF1G64AZ-2G6H1 | 8GB | SS | Hynix | 19-19-19-43 | 1.2 | • | • |
| TIGO | TMKG8G868-2666N | 8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| ADATA | AX4U266638G16-BRS | 8*8GB | SS | Hynix | 16-16-16-39 | 1.2 | • | • |
| ADATA | AD4U266638G19-B | 8*8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| ADATA | AD4U2666316G19-B | 16*16GB | DS | N/A | 19-19-19-43 | 1.2 | • | • |
| PANRAM | W4U2666PS-16G | 2*16GB | DS | Hynix | 16-18-18-35 | 1.2 | • | • |
| PANRAM | W4U2666PS-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 | TPRD416G2666HC1901 | 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 | TPRD432G2666HC19DC01 | 16GB | DS | Micron | 19-19-19-43 | 1.2 | • | • |
| Team | TPD432G2666HC19DC01 | 16GB | DS | Micron | 19-19-19-43 | 1.2 | • | • |
| Team | TED464G2666C19OC01 | 16GB | DS | Micron | 19-19-19-43 | 1.2 | • | • |
| Team | TPRD464G2666HC19OC01 | 16GB | DS | Micron | 19-19-19-43 | 1.2 | • | • |
| Team | TPD464G2666HC19OC01 | 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 | TPRD48G2666HC1901 | 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 | TPRD416G2666HC19DC01 | 8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| Team | TPD416G2666HC19DC01 | 8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| Team | TED432G2666C19OC01 | 8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| Team | TPRD432G2666HC19OC01 | 8GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| Team | TPD432G2666HC19OC01 | 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 | TPRD44G2666HC1901 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |
| Team | TPD44G2666HC1901 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | • | • |

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|----------------|-----------------------------------|------------|-----------|------------|--------------------|------------|----------|----------|
| Team | TED48G2666C19DC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPRD48G2666HC19DC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPD48G2666HC19DC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| Team | TED416G2666C19OC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPRD416G2666HC19OC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPD416G2666HC19OC01 | 4GB | SS | N/A | 19-19-19-43 | 1.2 | ● | ● |
| ADATA | AD4U2666W4G19 | 4GB | SS | SpecTek | 19-19-19-43 | 1.2 | ● | ● |
| ADATA | AX4U266638G16-BRS(XMP) | 8GB | SS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| ADATA | AX4U266638G16-DRZ(XMP) | 2x 8GB | SS | SK Hynix | 16-16-16-39 | 1.2 | ● | ● |
| CORSAIR | CMD128GX4M8A2666C15(Ver4.31)(XMP) | 8x 16GB | DS | Samsung | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M2A2666C15(Ver4.23)(XMP) | 2x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2666C15(Ver4.23)(XMP) | 4x 4GB | SS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2666C16(Ver4.23)(XMP) | 4x 4GB | SS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2666C16(Ver5.29)(XMP) | 4x 4GB | SS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2666C15(Ver4.23)(XMP) | 4x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2666C15(Ver5.29)(XMP) | 4x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2666C16(Ver4.23)(XMP) | 4x 8GB | DS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMD64GX4M8A2666C15(Ver4.23)(XMP) | 8x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD64GX4M8A2666C15(Ver4.24)(XMP) | 8x 8GB | DS | Samsung | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMD8GX4M2A2666C15(Ver4.23)(XMP) | 2x 4GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMD8GX4M2A2666C15(Ver4.23)(XMP) | 2x 4GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |

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|----------------|-----------------------------------|---------|----|----------|-------------|-----|---|---|
| CORSAIR | CMK128GX4M8A2666C16(Ver3.32)(XMP) | 8x 16GB | DS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK128GX4M8A2666C16(Ver3.32)(XMP) | 8x 16GB | DS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK128GX4M8A2666C16(Ver5.39)(XMP) | 8x 16GB | DS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M2D2666C16(Ver4.21)(XMP) | 2x 8GB | DS | Samsung | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2666C15(Ver4.23)(XMP) | 4x 4GB | SS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2666C15(Ver5.29)(XMP) | 4x 4GB | SS | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2666C16(Ver3.21)(XMP) | 4x 4GB | SS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2666C16(Ver4.23)(XMP) | 4x 4GB | SS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M2A2666C16(Ver4.31)(XMP) | 2x 16GB | DS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M2A2666C16R(Ver3.31)(XMP) | 2x 16GB | DS | Micron | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C15(Ver4.23)(XMP) | 4x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C15(Ver5.29)(XMP) | 4x 8GB | DS | - | 15-17-17-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C16(Ver3.20)(XMP) | 4x 8GB | DS | Micron | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C16(Ver3.21)(XMP) | 4x 8GB | DS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C16(Ver5.29)(XMP) | 4x 8GB | DS | - | 16-16-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2666C16(Ver5.30)(XMP) | 4x 8GB | SS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |

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|----------------|-----------------------------------|---------|----|----------|-------------|------|---|---|
| CORSAIR | CMK32GX4M4A2666C16R(Ver4.23)(XMP) | 4x 8GB | DS | - | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK64GX4M4A2666C16(Ver3.31)(XMP) | 4x 16GB | DS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK64GX4M4A2666C16(Ver4.31)(XMP) | 4x 16GB | DS | Samsung | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK8GX2M2D2666C16(Ver3.21)(XMP) | 2x 4GB | SS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK8GX4M2A2666C16(Ver3.22)(XMP) | 2x 4GB | SS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMK8GX4M2D2666C16(Ver3.11)(XMP) | 2x 4GB | DS | Micron | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMR16GX4M2A2666C16(Ver5.30)(XMP) | 2x 8GB | SS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMR64GX4M8A2666C16(Ver5.30)(XMP) | 8x 8GB | SS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMU32GX4M4A2666C16(Ver5.30)(XMP) | 4x 8GB | SS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |
| CORSAIR | CMV16GX4M1A2666C18 | 16GB | DS | Micron | 18-18-18-43 | 1.2 | ● | ● |
| CORSAIR | CMV4GX4M1A2666C18 | 4GB | SS | Micron | 18-18-18-43 | 1.2 | ● | ● |
| CORSAIR | CMV8GX4M1A2666C18 | 8GB | SS | Micron | 18-18-18-43 | 1.2 | ● | ● |
| crucial | BLE4G4D26AFE.8FAD(XMP) | 4GB | SS | Micron | 16-17-17-36 | 1.2 | ● | ● |
| crucial | BLS4G4D26BFSC.8FBR2(XMP) | 4GB | SS | Micron | 16-18-18-38 | 1.2 | ● | ● |
| crucial | BLS8G4D26BFSC.16FBR2(XMP) | 8GB | DS | Micron | 16-18-18-38 | 1.2 | ● | ● |
| crucial | BLT4G4D26AFTA.8FADG(XMP) | 4GB | SS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| crucial | BLT8G4D26AFTA.16FAD(XMP) | 4x 8GB | DS | Micron | 16-17-17-36 | 1.2 | ● | ● |
| crucial | BLT8G4D26AFTA.16FAD(XMP) | 8GB | DS | Micron | 16-16-16-39 | 1.2 | ● | ● |
| G.SKILL | F4-2666C15Q-16GRR(XMP) | 4x 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2666C15Q-32GRR(XMP) | 4x 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2666C16Q2-128GVK(XMP) | 8x 16GB | DS | SK Hynix | 15-15-15-36 | 1.2 | ● | ● |
| Hyper X | HX426C13PB3K2/32(XMP) | 2x 16GB | DS | SK Hynix | 13-15-15-35 | 1.35 | ● | ● |
| Hyper X | HX426C13PB3K4/64(XMP) | 4x 16GB | DS | SK Hynix | 13-15-15-35 | 1.35 | ● | ● |

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|---------|-----------------------|---------|----|----------|-------------|------|---|---|
| Hyper X | HX426C13SB2/4(XMP) | 4GB | SS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2/8(XMP) | 8GB | DS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K2/16(XMP) | 2x 8GB | DS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K2/16(XMP) | 2x 8GB | DS | Nanya | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K2/8(XMP) | 2x 4GB | SS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K4/16(XMP) | 4x 4GB | SS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K4/32(XMP) | 4x 8GB | DS | SK Hynix | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C13SB2K4/32(XMP) | 4x 8GB | DS | Nanya | 15-15-15-36 | 1.35 | ● | ● |
| Hyper X | HX426C15FB/4 | 4GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FB/4 | 4GB | SS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FB/8 | 8GB | DS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FB/8 | 8GB | DS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK2/16 | 2x 8GB | DS | SK Hynix | 15-15-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK2/16 | 2x 8GB | DS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK2/16 | 2x 8GB | DS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK2/8 | 2x 4GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK2/8 | 2x 4GB | SS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/16 | 4x 4GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/16 | 4x 4GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/16 | 4x 4GB | SS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/32 | 4x 8GB | DS | SK Hynix | 15-15-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/32 | 4x 8GB | DS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15FBK4/32 | 4x 8GB | DS | Micron | 15-17-17-35 | 1.2 | ● | ● |
| Hyper X | HX426C15SBK4/64(XMP) | 4x 16GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Hyper X | HX426C16FB/16 | 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FB2/8(XMP) | 8GB | SS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FB2K2/16(XMP) | 2x 8GB | SS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FB2K4/32(XMP) | 4x 8GB | SS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FBK2/32 | 2x 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FBK4/64 | 4x 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FBK4/64 | 4x 16GB | DS | SK Hynix | 16-18-18-39 | - | ● | ● |

| | | | | | | | | |
|-----------------|---------------------------------------|---------|----|----------|-------------|-----|---|---|
| Hyper X | HX426C16FW/16 | 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FWK2/32 | 2x 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Hyper X | HX426C16FWK4/64 | 4x 16GB | DS | SK Hynix | 16-18-18-39 | 1.2 | ● | ● |
| Kingston | KVR26N19D8/16 | 16GB | DS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Kingston | KVR26N19S8/8 | 8GB | SS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Klevv | KM4C4GX4N-2666-15-15-15-35-0 (XMP) | 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | KM4C4GX4N-2666-15-15-15-35-1 (XMP) | 4GB | SS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | KM4C8GX4N-2666-15-15-15-35-0 (XMP) | 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| Klevv | KM4C8GX4N-2666-15-15-15-35-1 (XMP) | 8GB | DS | SK Hynix | 15-15-15-35 | 1.2 | ● | ● |
| panram | W4U2666PS-8G | 2x 8GB | SS | SK Hynix | 16-18-18-35 | 1.2 | ● | ● |
| Team | TCD44G2666C15BBK(XMP) | 4GB | SS | SK Hynix | 15-17-17-35 | 1.2 | ● | ● |
| Team | TED416G2666C19QC01 | 4x 4GB | SS | SK Hynix | 19-19-19-43 | 1.2 | ● | ● |
| Team | TED432G2666C19QC01 | 4x 8GB | SS | SK Hynix | 19-19-19-43 | 1.2 | ● | ● |
| Team | TED464G2666C19QC01 | 4x 16GB | DS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Team | TED464G2666C19QC01 | 4x 16GB | DS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Team | TFRD416G2666C15BBK(XMP) | 16GB | DS | Samsung | 15-17-17-35 | 1.2 | ● | ● |
| Team | TFWD48G2666C15BBK(XMP) | 8GB | DS | Samsung | 15-17-17-35 | 1.2 | ● | ● |
| Team | TPD416G2666HC19QC01 | 4x 4GB | SS | SK Hynix | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPD432G2666HC19QC01 | 4x 8GB | SS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPD464G2666HC19QC01 | 4x 16GB | DS | Micron | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPRD416G2666HC19QC01 | 4x 4GB | SS | SK Hynix | 19-19-19-43 | 1.2 | ● | ● |
| Team | TPRD432G2666HC19QC01 | 4x 8GB | SS | Micron | 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. Install the module into the A2 or B2 slot for better compatibility.

- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

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- 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-R R2.0

DDR4 2800 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | Socket support (O) | |
|----------------|-------------------------------------|--------------|-----------|------------|--------------------|------------|-----------|--------------------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| CORSAIR | CMK16GX4M4A2800C16(Ver5.29) | 4*4GB | SS | N/A | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| KINGSTON | HX428C14PB2K4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | ● | ● |
| PATRIOT | PX416G280C6QK | 4*4GB | SS | N/A | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| PANRAM | PUD42800C164G4NJW | 4*4GB | SS | N/A | 16-18-18-36 | 1.25 | DDR4-2666 | ● | ● |
| KINGSTON | HX428C14PBK4/32 | 4*8GB | DS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | ● | ● |
| AVEXIR | AVD4UZ128001604G-4COB | 4*4GB | SS | N/A | 15-15-15-36 | 1.2 | DDR4-2666 | ● | ● |
| AVEXIR | AVD4UZ128001608G-4COB | 4*8GB | DS | N/A | 15-15-15-36 | 1.2 | DDR4-2666 | ● | ● |
| CORSAIR | CMK32GX4M4A2800C16 | 4*8GB | DS | N/A | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| KINGSTON | HX428C14SB2K4/32 | 4*8GB | DS | N/A | 15-15-15-36 | 1.35 | DDR4-2666 | ● | ● |
| KINGSTON | HX428C14SB2K4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | ● | ● |
| TEAM | TDGED48G2800HC16ABK | 2*8GB | SS | Hynix | 16-16-16-36 | 1.2 | DDR4-2666 | ● | ● |
| PATRIOT | PV416G280C6QK | 4*4GB | SS | N/A | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| G.SKILL | F4-2800C16D-16GRR | 2*8GB | SS | Hynix | 16-16-16-36 | 1.2 | DDR4-2666 | ● | ● |
| ADATA | AX4U280038G17-SBF | 8*8GB | SS | Hynix | 18-17-17-36 | 1.2 | DDR4-2666 | ● | ● |
| ADATA | AX4U2800316G16-SBF | 16GB | DS | Hynix | 17-16-16-36 | 1.2 | DDR4-2666 | ● | ● |
| CORSAIR | CMD32GX4M4A2800C16 (Ver5.20) | 8GB | DS | Hynix | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| G.SKILL | F4-2800C14Q-64GVK | 4*16GB | DS | Samsung | 14-14-14-35 | 1.35 | DDR4-2666 | ● | ● |
| G.SKILL | F4-2800C16Q-32GVR | 4*8GB | SS | Hynix | 16-16-16-36 | 1.2 | DDR4-2666 | ● | ● |
| AVEXIR | AVD4UZ128001504G-4BZ1RR | 4*4GB | SS | Samsung | 15-15-15-35 | 1.35 | DDR4-2666 | ● | ● |
| AVEXIR | AVD4UZ128001508G-4BZ1RR | 4*8GB | DS | Samsung | 15-15-15-35 | 1.35 | DDR4-2666 | ● | ● |
| CORSAIR | CMD16GX4M4A2800C16(Ver3.21) | 4*4GB | SS | Micron | 16-18-18-36 | 1.2 | DDR4-2666 | ● | ● |
| TEAM | TFWD416G2800C16CBK | 16GB | DS | TEAM | 16-18-18-38 | 1.2 | DDR4-2666 | ● | ● |
| TEAM | TFRD48G2800C16CBK | 8GB | DS | Samsung | 16-18-18-38 | 1.2 | DDR4-2666 | ● | ● |
| FORZA | NFMUD416E8-2800EH2A | 16GB | DS | Hynix | 17-17-17-36 | 1.2 | DDR4-2666 | ● | ● |
| FORZA | NFMUD480E8-2800DH2A | 8GB | SS | N/A | 17-17-17-36 | 1.2 | DDR4-2666 | ● | ● |

| | | | | | | | | | |
|----------------|-----------------------------|--------------|-----------|---------|-------------|------|-----------|---|---|
| ADATA | AX4U2800W8G17-BRD | 8GB | DS | N/A | 17-17-17-36 | 1.2 | DDR4-2666 | ● | ● |
| G.SKILL | F4-2800C15Q-32GVR | 4*8GB | SS | Hynix | 15-15-15-35 | 1.25 | DDR4-2666 | ● | ● |
| ADATA | AX4U2800W4G17-BRZ | 2*4GB | SS | Hynix | 17-17-17-36 | 1.2 | DDR4-2666 | ● | ● |
| ADATA | AX4U280038G17-BWZ | 8GB | SS | Hynix | 17-17-17-36 | 1.2 | DDR4-2666 | ● | ● |
| KINGMAX | GLMG42F-18KIIA CJBR4 | 8GB | SS | KINGMAX | 17-17-17-39 | 1.2 | DDR4-2666 | ● | ● |

2 DIMM Slots

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- 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-R R2.0

DDR4 3000 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | Socket support (O) | |
|-----------------|-------------------------------------|---------------|-----------|----------------|--------------------|-------------|------------------|--------------------|----------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| CORSAIR | CMD32GX4M2B3000C15(Ver4.31) | 2*16GB | DS | N/A | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| KINGSTON | HX430C15PB2K4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3000C15Q-16GRR | 4*4GB | SS | Hynix | 15-15-15-35 | 1.35 | DDR4-2666 | • | • |
| PANRAM | PUD43000C154G4NJW | 4*4GB | SS | N/A | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| KINGSTON | HX430C15SB2K4/32 | 4*8GB | DS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| AVEXIR | AVD4UZ130001604G-4COB | 4*4GB | SS | N/A | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| AVEXIR | AVD4UZ130001608G-4COB | 4*8GB | DS | N/A | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| KINGSTON | HX430C15SBK2/16 | 2*8GB | DS | N/A | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| KLEVV | IM44GU48A30-GIIHMC | 4*4GB | SS | N/A | 17-18-18-36 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK16GX4M2B3000C15 (Ver4.31) | 2*8GB | DS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| KINGSTON | HX430C15SB2K4/16 | 4*4GB | SS | Hynix | 15-15-15-36 | 1.35 | DDR4-2666 | • | • |
| TEAM | TDGED48G3000HC16ABK | 2*8GB | DS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| PATRIOT | PV416G300C6QK | 4*4GB | SS | N/A | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3000C15D-32GVR | 2*16GB | DS | N/A | 15-15-15-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK8GX4M4B3000C15 (Ver4.21) | 4*16GB | DS | Samsung | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| TEAM | TCD48G300C16ABK | 8GB | SS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| ADATA | AX4U300038G16-DBZ | 8*8GB | DS | Hynix | 16-18-18-36 | 1.35 | DDR4-2666 | • | • |
| ADATA | AX4U3000316G16-BGZ | 16GB | DS | N/A | 16-18-18-36 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMD16GX4M4B3000C15(Ver4.24) | 4GB | SS | Samsung | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK32GX4M2B3000C15(Ver5.39) | 16GB | DS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK16GX4M2C3000C15 (Ver4.21) | 8GB | SS | Samsung | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK16GX4M4B3000C15(Ver3.21) | 4GB | SS | Micron | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3000C15Q-32GRK | 4*8GB | DS | Samsung | 15-15-15-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMK8GX4M2B3000C15(Ver3.21) | 2*4GB | SS | Micron | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMU32GX4M4C3000C15 (Ver5.3) | 4*8GB | DS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |

| | | | | | | | | | |
|----------------|------------------------------------|---------------|-----------|----------------|--------------------|-------------|------------------|----------|----------|
| GEIL | GFR416GB3000C15ADC | 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| TEAM | TFWD416G3000C16CBK | 16GB | DS | Hynix | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| TEAM | TFRD48G3000C16CBK | 8GB | DS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| TEAM | TCD44G3000C16CBK | 4GB | SS | Hynix | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM4AGU88A30-FGGHMZ | 16GB | DS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM48GU88A30-FGGHMZ | 8GB | SS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM44GU48A30-FGGHAZ | 4GB | SS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM48GU88A30-FGGHMB | 8GB | SS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM44GU48A30-FGGHAB | 4GB | SS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| Klevv | IM4AGU88A30-FGGHMB | 16GB | DS | Hynix | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMD16GX4M2B3000C15(Ver5.30) | 2* 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMD32GX4M4C3000C15(Ver5.30) | 4* 8GB | SS | N/A | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| FORZA | NFMUD480E8-3000DH2A | 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMR16GX4M2C3000C15(Ver4.31) | 2* 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMR32GX4M4C3000C15 | 4* 8GB | DS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| Team | TDRRD48G3000HC16CBK | 8GB | DS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| Team | TDRGD48G3000HC16CBK | 8GB | DS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| GALAXY | HOF DDR4-3000 | 2* 8GB | SS | Hynix | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| GeIL | GLR416GB3000C15ADC | 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3000C15S-16GVR | 16GB | DS | Hynix | 15-15-15-35 | 1.35 | DDR4-2666 | • | • |
| FORZA | NMUD416E82-3000DB30 | 16GB | DS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| FORZA | NMUD480E82-3000DB30 | 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | • | • |
| PATRIOT | PV432G300C6QK | 4* 8GB | SS | N/A | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| HyperX | HX430C15PB3K4/32 | 4* 8GB | SS | Hynix | 15-17-17-36 | 1.35 | DDR4-2666 | • | • |
| CRUCIAL | BLT8G4D30AETA.K16FE | 8GB | DS | Samsung | 15-16-16-35 | 1.35 | DDR4-2666 | • | • |
| PATRIOT | PVE416G300C6KBL | 2* 8GB | SS | N/A | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| PATRIOT | PVE48G300C6KRD | 2*4GB | SS | N/A | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3000C14Q2-128GVKD | 8*16GB | DS | Samsung | 14-14-14-34 | 1.35 | DDR4-2666 | • | • |
| Team | TF4D48G3000HC16CBK | 8GB | SS | Hynix | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| GALAXY | N/A | 2*8GB | SS | Hynix | 16-18-18-38 | 1.35 | DDR4-2666 | • | • |
| TIGO | TMKU8GF58-3000X | 8GB | DS | Samsung | 16-18-18-36 | 1.35 | DDR4-2666 | • | • |

| | | | | | | | | | |
|---------|-----------------------------------|--------------|----|--------|-------------|------|-----------|---|---|
| CORSAIR | CMK16GX4M2B3000C15K (Ver5.29) | 8GB*2 | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | ● | ● |
| CORSAIR | CMK16GX4M2B3000C15K (Ver5.29) | 8GB*2 | SS | N/A | 15-17-17-35 | 1.35 | DDR4-2666 | ● | ● |
| CORSAIR | CM4X8GD3000C15U4-CN(Ver.5.39) | 8GB | SS | Hynix | 15-17-17-35 | 1.35 | DDR4-2666 | ● | ● |
| ADATA | AX4U300038G16-BBG | 8*8GB | SS | Hynix | 16-18-18-36 | 1.35 | DDR4-2666 | ● | ● |
| Hyper X | HX430C15PB3/8 HX430C15PB3K2/16 | 8GB 2*8GB | SS | N/A | 15-17-17-36 | 1.35 | DDR4-2666 | ● | ● |
| TEKISM | T4X3000B8G17-HY | 8GB | DS | N/A | 17-17-17-36 | 1.35 | DDR4-2666 | ● | ● |
| CORSAIR | CMK16GX4M2B3000C15 (Ver5.39) | 2*8GB | SS | N/A | 15-17-17-35 | 1.35 | DDR4-2666 | ● | ● |
| G.SKILL | F4-3000C16D-16GTZR | 2*8GB | SS | N/A | 16-18-18-38 | 1.35 | DDR4-2666 | ● | ● |
| GALAXY | GAM4IRL1BMR3000G16LD162C | 2*8GB | SS | Micron | 16-18-18-38 | 1.35 | DDR4-2666 | ● | ● |

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

PRIME H310M-R R2.0

DDR4 3200 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | DIMM Socket Support | |
|---------|-----------------------------|--------|-------|------------|-------------|------------|-----------|---------------------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| PANRAM | PUD43200C164G4NJW | 4* 4GB | SS | N/A | 16-18-18-39 | 1.35 | DDR4-2666 | ● | ● |
| MUSHKIN | 997202F | 2*4GB | SS | N/A | 15-15-15-36 | 1.2 | DDR4-2666 | ● | ● |
| G.SKILL | F4-3200C16D-8GVKB | 2*4GB | SS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | ● | ● |
| APACER | 78.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 | ● | ● |
| HyperX | HX432C16PB3K4/32 | 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 | TFWD416G3200C16CBK | 16GB | DS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | ● | ● |
| TEAM | TFWD48G3200C16CBK | 8GB | DS | Samsung | 16-18-18-38 | 1.35 | DDR4-2666 | ● | ● |
| G.SKILL | F4-3200C16D-16GTZR | 2*8GB | SS | N/A | 18-18-18-38 | 1.35 | DDR4-2666 | ● | ● |
| G.SKILL | CMD32GX4M2C3200C16(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 | CMK64GX4M8B3200C16(Ver4.31) | 2*8GB | DS | Samsung | 16-18-18-36 | 1.35 | DDR4-2666 | ● | ● |
| G.SKILL | CMK16GX4M2B3200C16(Ver4.24) | 2*8GB | DS | N/A | 16-16-16-36 | 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 | ● | ● |
| Hyper X | HX432C16PB3K2/16 | 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. Install the module into the A2 or B2 slot for better compatibility.

- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

- 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-R R2.0

DDR4 3300 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | Socket support (O) | |
|---------|-----------------------------|-------|-------|------------|-------------|------------|---------------------------|--------------------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| ADATA | AX4U3333W4G16-QGZ | 4*8GB | SS | N/A | 16-16-16-36 | 1.35 | DDR4-2666 | • | • |
| HyperX | HX433C16PB3K2/16 | 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. Install the module into the A2 or B2 slot for better compatibility.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

- 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-R R2.0

DDR4 3400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | socket support (Op) | |
|---------|-------------------------------|--------|-------|------------|-------------|------------|-----------|---------------------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| GEIL | GLWR416GB3400C16AQC | 4*4GB | SS | N/A | 16-18-18-36 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3400C16Q-16GRBD | 4*4GB | SS | Samsung | 16-18-18-38 | 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 | CMD32GX4M2B3466C16(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 | CMD32GX4M2B3466C16(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 | F4-3466C16Q2-64GTZ | 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. Install the module into the A2 or B2 slot for better compatibility.

- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.
-
- 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.

DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration

- **2 DIMM:** Supports one pair of modules inserted into either the **Gray** slots or the **Black** slots as one pair of Dual-channel memory
- **4 DIMM:** Supports 4 modules inserted into both the **Gray** and **Black** slots as two pairs of Dual-channel memory

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of 4GB or more is not supported.

-It is recommended to install the memory modules from the **Gray** slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module.

channel memory configuration
configuration

allocated memory of less than 3GB is recommended.

module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

PRIME H310M-R R2.0

DDR4 3600+ Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage(V) | Run@Speed | socket support (Opt) | |
|----------|--------------------------------|-------|-------|------------|-------------|------------|---------------------------|----------------------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM |
| G.SKILL | F4-3600-C17Q-16GVK | 4*4GB | SS | N/A | 17-18-18-38 | 1.35 | DDR4-2666 | • | • |
| GALAXY | HOF4CALCS3600K17LD 162C | 2*8GB | SS | Samsung | 17-18-18-38 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMD8GX4M2B3600C18 (Ver4.24) | 2*4GB | SS | Samsung | 18-19-19-39 | 1.35 | DDR4-2666 | • | • |
| CORSAIR | CMD8GX4M2B3733C17 (Ver4.24) | 2*4GB | SS | N/A | 17-19-19-39 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-3866C18Q-16GTZ | 4*4GB | SS | Samsung | 18-22-22-42 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-4000C19D-8GTZ | 2*4GB | SS | Samsung | 19-21-21-41 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-4000C19D-16GTZSW | 2*8GB | SS | Samsung | 19-21-21-41 | 1.35 | DDR4-2666 | • | • |
| G.SKILL | F4-4266C19D-16GTZKW | 2*8GB | SS | Samsung | 19-19-19-39 | 1.4 | DDR4-2666 | • | • |
| G.SKILL | F4-4400C19D-16GTZSW | 2*8GB | SS | Samsung | 19-19-19-39 | 1.4 | DDR4-2666 | • | • |
| G.SKILL | F4-4600C19D- 16GTZSWC | 2*8GB | SS | Samsung | 19-23-23-43 | 1.5 | DDR4-2666 | • | • |
| G.SKILL | F4-4600C19D- 16GTZKKA | 2*8GB | SS | Samsung | 19-19-19-39 | 1.45 | DDR4-2666 | • | • |
| GALAXY | HOF4CXL1BSR3600K17 LD162C | 2*8GB | SS | Samsung | 17-18-18-38 | 1.35 | DDR4-2666 | • | • |
| KINGSTON | HX436C17PB3K4/32 | 4*8GB | SS | Samsung | 17-18-18-39 | 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. Install the module into the A2 or B2 slot for better compatibility.
- 2 DIMMs: Supports two (2) modules inserted into one pair of gray slots as one pair of Dual-channel memory configuration. Install the modules into slots A2 and B2 for better compatibility.

- 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.

DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports one pair of modules inserted into either the [Gray](#) slots or the [Black](#) slots as one pair of Dual-ch

- **4 DIMM:** Supports 4 modules inserted into both the **Gray** and **Black** slots as two pairs of Dual-channel memory cc

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total inst

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory

channel memory configuration

onfiguration

Installed memory of less than 3GB is recommended.

module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.