

| Vendors   | Part No.                      | Size        | SS/DS | Chip Brand | Timing      | Voltage(V) | RAM Speed | Supported Speed*<br>with AMD Ryzen™<br>with Radeon™ Vega<br>Graphics<br>Processors | DIMM socket support (Optional) |        |        |
|-----------|-------------------------------|-------------|-------|------------|-------------|------------|-----------|--|--------------------------------|--------|--------|
|           |                               |             |       |            |             |            |           |  | 1 DIMM                         | 2 DIMM | 4 DIMM |
| G.SKILL   | F4-4400C19D-16GTZSW           | 2*8GB       | SS    | Samsung    | 19-19-19-39 | 1.4        | 4400      | 3200   | •                              | •      |        |
| G.SKILL   | F4-4266C19D-16GTZKW           | 2*8GB       | SS    | Samsung    | 19-19-19-39 | 1.4        | 4266      | 3200   | •                              | •      |        |
| G.SKILL   | F4-4000C19D-8GTZ              | 2*4GB       | SS    | Samsung    | 19-21-21-41 | 1.35       | 4000      | 3200   | •                              | •      |        |
| G.SKILL   | F4-4000C19D-16GTZSW           | 2*8GB       | SS    | Samsung    | 19-21-21-41 | 1.35       | 4000      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3866C18Q-16GTZ             | 4*4GB       | SS    | Samsung    | 18-22-22-42 | 1.35       | 3866      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3600-C17Q-16GVK            | 4*4GB       | SS    | N/A        | 17-18-18-38 | 1.35       | 3600      | 3200   | •                              | •      |        |
| GALAXY    | HOF4CALCS3600K17LD162C        | 2*8GB       | SS    | Samsung    | 17-18-18-38 | 1.35       | 3600      | 3200   | •                              | •      |        |
| CORSAIR   | CMK16GX4M2B3600C18(Ver4.31)   | 2*8GB       | SS    | Samsung    | 18-19-19-39 | 1.35       | 3600      | 3200   | •                              | •      |        |
| CORSAIR   | CMD8GX4M2B3600C18 (Ver4.24)   | 2*4GB       | SS    | Samsung    | 18-19-19-39 | 1.35       | 3600      | 3200   | •                              | •      |        |
| G.SKILL   | F4-4600C19D-16GTZSWC          | 2*8GB       | SS    | Samsung    | 19-23-23-43 | 1.5        | 4600      | 3200   | •                              | •      |        |
| GALAXY    | HOF4CXL1BSR3600K17LD162C      | 2*8GB       | SS    | Samsung    | 17-18-18-38 | 1.35       | 3600      | 3200   | •                              | •      |        |
| KINGSTON  | HX436C17PB3K4/32              | 4*8GB       | SS    | Samsung    | 17-18-18-39 | 1.35       | 3600      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3466C16Q-16GVK             | 4*4GB       | SS    | N/A        | 16-18-18-38 | 1.35       | 3466      | 3200   | •                              | •      |        |
| CORSAIR   | CMD16GX4M4B3466C18 (Ver4.23)  | 4*4GB       | SS    | N/A        | 18-19-19-39 | 1.35       | 3466      | 3200   | •                              | •      |        |
| CORSAIR   | CMD32GX4M2B3466C16(Ver4.31)   | 2*16GB      | DS    | Samsung    | 16-18-18-36 | 1.35       | 3466      | 3200   | •                              | •      |        |
| CORSAIR   | CMR16GX4M2C3466C16(Ver4.31)   | 2*8GB       | SS    | Samsung    | 16-18-18-36 | 1.35       | 3466      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3466C16Q2-64GTZ            | 8* 8GB      | SS    | N/A        | 16-18-18-38 | 1.35       | 3466      | 3200   | •                              | •      |        |
| GEIL      | GLWR416GB3400C16AQC           | 4*4GB       | SS    | N/A        | 16-18-18-36 | 1.35       | 3400      | 3200   | •                              | •      |        |
| CORSAIR   | CMU32GX4M4C3400C16R (Ver5.20) | 4*8GB       | SS    | Samsung    | 16-18-18-36 | 1.35       | 3400      | 3200   | •                              | •      |        |
| CORSAIR   | CMR32GX4M4C3333C16(Ver4.31)   | 4*8GB       | SS    | Samsung    | 16-18-18-35 | 1.35       | 3333      | 3200   | •                              | •      |        |
| HyperX    | HX433C16PB3K2/16              | 2*8GB       | SS    | N/A        | 16-18-18-36 | 1.35       | 3300      | 3200   | •                              | •      |        |
| TEAMGROUP | TF1D416G3200HC16CDC01         | 16GB(8GB*2) | SS    | SK Hynix   | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| TEAMGROUP | TF2D416G3200HC16CDC01         | 16GB(8GB*2) | SS    | SK Hynix   | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| V-COLOR   | TL48G32S8CRGB16               | 8GB         | SS    | Samsung    | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| KINGMAX   | GZOG43F-18SIGP                | 8GB         | SS    |            | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| ZADAK     | ZD4-SHA3200C16-08GAS          | 8GB         | SS    | Samsung    | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| APACER    | AHU08GGB32CKU7M               | 8GB         | SS    | Samsung    | 16-18-18-38 | 1.35V      | 3200      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3200C16D-8GVKB             | 2*4GB       | SS    | Samsung    | 16-18-18-38 | 1.35       | 3200      | 3200   | •                              | •      |        |
| APACER    | 78.BAGMD.AF20B                | 2*4GB       | SS    | Hynix      | 16-16-16-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| PATRIOT   | PV48G320C6K                   | 2*4GB       | SS    | N/A        | 16-16-16-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| HyperX    | HX432C16PB3K4/32              | 4*8GB       | SS    | Hynix      | 16-18-18-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3200C16D-16GTZR            | 2*8GB       | SS    | N/A        | 18-18-18-38 | 1.35       | 3200      | 3200   | •                              | •      |        |
| G.SKILL   | F4-3200C14Q-32GFX             | 4*8GB       | SS    | Samsung    | 14-14-14-34 | 1.35       | 3200      | 3200   | •                              | •      |        |
| CORSAIR   | CMU16GX4M2C3200C16(Ver5.39)   | 8*8GB       | SS    | N/A        | 16-18-18-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| Team      | TF2D48G3200HC16CBK            | 8GB         | SS    | Hynix      | 16-18-18-38 | 1.35       | 3200      | 3200   | •                              | •      |        |
| ADATA     | AX4U320038G16-BRS             | 8*8GB       | SS    | N/A        | 16-18-18-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| Hyper X   | HX432C16PB3K2/16              | 2*8GB       | SS    | Hynix      | 16-18-18-36 | 1.35       | 3200      | 3200   | •                              | •      |        |
| CORSAIR   | CMD32GX4M2B3000C15(Ver4.31)   | 2*16GB      | DS    | N/A        | 15-17-17-35 | 1.35       | 3000      | 3000   | •                              | •      |        |
| KINGSTON  | HX430C15PB2K4/16              | 4*4GB       | SS    | Hynix      | 15-15-15-36 | 1.35       | 3000      | 3000   | •                              | •      |        |
| G.SKILL   | F4-3000C15Q-16GRR             | 4*4GB       | SS    | Hynix      | 15-15-15-35 | 1.35       | 3000      | 3000   | •                              | •      |        |
| PANRAM    | PUD43000C154G4NJW             | 4*4GB       | SS    | N/A        | 15-17-17-35 | 1.35       | 3000      | 3000   | •                              | •      |        |

|          |                              |        |    |         |             |      |      |      |   |   |
|----------|------------------------------|--------|----|---------|-------------|------|------|------|---|---|
| KINGSTON | HX430C15SB2K4/32             | 4*8GB  | DS | Hynix   | 15-15-15-36 | 1.35 | 3000 | 3000 | • | • |
| AVEXIR   | AVD4UZ130001604G-4COB        | 4*4GB  | SS | N/A     | 15-15-15-36 | 1.35 | 3000 | 3000 | • | • |
| AVEXIR   | AVD4UZ130001608G-4COB        | 4*8GB  | DS | N/A     | 15-15-15-36 | 1.35 | 3000 | 3000 | • | • |
| KINGSTON | HX430C15SBK2/16              | 2*8GB  | DS | N/A     | 15-15-15-36 | 1.35 | 3000 | 3000 | • |   |
| KLEVV    | IM44GU48A30-GIIHMC           | 4*4GB  | SS | N/A     | 17-18-18-36 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMK16GX4M2B3000C15 (Ver4.24) | 2*8GB  | DS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| KINGSTON | HX430C15SB2K4/16             | 4*4GB  | SS | Hynix   | 15-15-15-36 | 1.35 | 3000 | 3000 | • | • |
| PATRIOT  | PV416G300C6QK                | 4*4GB  | SS | N/A     | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| G.SKILL  | F4-3000C15D-32GVR            | 2*16GB | DS | N/A     | 15-15-15-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMK64GX4M4B3000C15 (Ver4.31) | 4*16GB | DS | Samsung | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| TEAM     | TCD48G300C16ABK              | 8GB    | SS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| ADATA    | AX4U300038G16-DBZ            | 8*8GB  | DS | Hynix   | 16-18-18-36 | 1.35 | 3000 | 3000 | • |   |
| ADATA    | AX4U3000316G16-BGZ           | 16GB   | DS | N/A     | 16-18-18-36 | 1.35 | 3000 | 3000 |   | • |
| CORSAIR  | CMD16GX4M4B3000C15(Ver4.24)  | 4GB    | SS | Samsung | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMK32GX4M2B3000C15(Ver5.39)  | 16GB   | DS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| CORSAIR  | CMU16GX4M2C3000C15 (Ver4.31) | 8GB    | SS | Samsung | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| CORSAIR  | CMK16GX4M4B3000C15(Ver3.21)  | 4GB    | SS | Micron  | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| G.SKILL  | F4-3000C15Q-32GRK            | 4*8GB  | DS | Samsung | 15-15-15-35 | 1.35 | 3000 | 3000 | • |   |
| CORSAIR  | CMK8GX4M2B3000C15(Ver3.21)   | 2*4GB  | SS | Micron  | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| CORSAIR  | CMU32GX4M4C3000C15 (Ver5.3)  | 4*8GB  | DS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| GEIL     | GFR416GB3000C15ADC           | 8GB    | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| TEAM     | TFRD48G3000C16CBK            | 8GB    | DS | Samsung | 16-18-18-38 | 1.35 | 3000 | 3000 | • |   |
| TEAM     | TCD44G3000C16CBK             | 4GB    | SS | Hynix   | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM4AGU88A30-FGGHMZ           | 16GB   | DS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM48GU88A30-FGGHMZ           | 8GB    | SS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM44GU48A30-FGGHAZ           | 4GB    | SS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM48GU88A30-FGGHMB           | 8GB    | SS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM44GU48A30-FGGHAB           | 4GB    | SS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| Klevv    | IM4AGU88A30-FGGHMB           | 16GB   | DS | Hynix   | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMD16GX4M2B3000C15(Ver5.30)  | 2* 8GB | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMD32GX4M4C3000C15(Ver5.30)  | 4* 8GB | SS | N/A     | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| FORZA    | NFMUD480E8-3000DH2A          | 8GB    | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMR16GX4M2C3000C15(Ver4.31)  | 2* 8GB | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMR32GX4M4C3000C15           | 4* 8GB | DS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| Team     | TDRRD48G3000HC16CBK          | 8GB    | DS | Samsung | 16-18-18-38 | 1.35 | 3000 | 3000 | • |   |
| GALAXY   | HOF DDR4-3000                | 2* 8GB | SS | Hynix   | 16-18-18-38 | 1.35 | 3000 | 3000 | • |   |
| GeIL     | GLR416GB3000C15ADC           | 8GB    | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| G.SKILL  | F4-3000C15S-16GVR            | 16GB   | DS | Hynix   | 15-15-15-35 | 1.35 | 3000 | 3000 | • |   |
| FORZA    | NMUD416E82-3000DB30          | 16GB   | DS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| FORZA    | NMUD480E82-3000DB30          | 8GB    | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| PATRIOT  | PV432G300C6QK                | 4* 8GB | SS | N/A     | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| HyperX   | HX430C15PB3K4/32             | 4* 8GB | SS | Hynix   | 15-17-17-36 | 1.35 | 3000 | 3000 | • |   |
| PATRIOT  | PVE416G300C6KBL              | 2* 8GB | SS | N/A     | 16-16-16-36 | 1.35 | 3000 | 3000 | • | • |
| PATRIOT  | PVE48G300C6KRD               | 2*4GB  | SS | N/A     | 16-16-16-36 | 1.35 | 3000 | 3000 | • |   |
| G.SKILL  | F4-3000C14Q2-128GVKD         | 8*16GB | DS | Samsung | 14-14-14-34 | 1.35 | 3000 | 3000 | • | • |

|          |                                   |              |    |         |             |      |      |      |   |   |
|----------|-----------------------------------|--------------|----|---------|-------------|------|------|------|---|---|
| Team     | TF3D48G3000HC16CBK                | 8GB          | SS | Hynix   | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| Team     | TF4D48G3000HC16CBK                | 8GB          | SS | Hynix   | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| GALAXY   | N/A                               | 2*8GB        | SS | Hynix   | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| TIGO     | TMKU8GF58-3000X                   | 8GB          | DS | Samsung | 16-18-18-36 | 1.35 | 3000 | 3000 | • |   |
| CORSAIR  | CMK16GX4M2B3000C15R (Ver5.30)     | 8GB*2        | SS | Hynix   | 15-17-17-35 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMK16GX4M2B3000C15R (Ver3.32)     | 8GB*2        | SS | N/A     | 15-17-17-35 | 1.35 | 3000 | 3000 | • |   |
| ADATA    | AX4U300038G16-BRS                 | 8*8GB        | SS | Hynix   | 16-18-18-36 | 1.35 | 3000 | 3000 | • |   |
| ADATA    | AX4U300038G16-BBG                 | 8*8GB        | SS | Hynix   | 16-18-18-36 | 1.35 | 3000 | 3000 | • | • |
| Hyper X  | HX430C15PB3/8<br>HX430C15PB3K2/16 | 8GB<br>2*8GB | SS | N/A     | 15-17-17-36 | 1.35 | 3000 | 3000 | • | • |
| G.SKILL  | F4-3000C16D-16GTZR                | 2*8GB        | SS | N/A     | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| GALAXY   | GAM4IRL1BMR3000G16LD162C          | 2*8GB        | SS | Micron  | 16-18-18-38 | 1.35 | 3000 | 3000 | • | • |
| CORSAIR  | CMK16GX4M4A2800C16(Ver5.29)       | 4*4GB        | SS | N/A     | 16-18-18-36 | 1.2  | 2800 | 2800 | • | • |
| KINGSTON | HX428C14PB2K4/16                  | 4*4GB        | SS | Hynix   | 15-15-15-36 | 1.35 | 2800 | 2800 | • | • |
| PANRAM   | PUD42800C164G4NJW                 | 4*4GB        | SS | N/A     | 16-18-18-36 | 1.25 | 2800 | 2800 | • | • |
| KINGSTON | HX428C14PBK4/32                   | 4*8GB        | DS | Hynix   | 15-15-15-36 | 1.35 | 2800 | 2800 | • |   |
| AVEXIR   | AVD4UZ128001604G-4COB             | 4*4GB        | SS | N/A     | 15-15-15-36 | 1.2  | 2800 | 2800 | • | • |
| AVEXIR   | AVD4UZ128001608G-4COB             | 4*8GB        | DS | N/A     | 15-15-15-36 | 1.2  | 2800 | 2800 | • | • |
| CORSAIR  | CMK32GX4M4A2800C16                | 4*8GB        | DS | N/A     | 16-18-18-36 | 1.2  | 2800 | 2800 | • | • |
| KINGSTON | HX428C14SB2K4/32                  | 4*8GB        | DS | N/A     | 15-15-15-36 | 1.35 | 2800 | 2800 | • | • |
| ADATA    | Digital Storm                     | 8GB          | DS | Hynix   | 18-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| G.SKILL  | F4-2800C16D-16GRR                 | 2*8GB        | SS | Hynix   | 16-16-16-36 | 1.2  | 2800 | 2800 | • |   |
| ADATA    | AX4U280038G17-SBF                 | 8*8GB        | SS | Hynix   | 18-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| ADATA    | AX4U2800316G16-SBF                | 16GB         | DS | Hynix   | 17-16-16-36 | 1.2  | 2800 | 2800 | • |   |
| G.SKILL  | F4-2800C14Q-64GVK                 | 4*16GB       | DS | Samsung | 14-14-14-35 | 1.35 | 2800 | 2800 | • |   |
| G.SKILL  | F4-2800C16Q-32GVR                 | 4*8GB        | SS | Hynix   | 16-16-16-36 | 1.2  | 2800 | 2800 | • | • |
| AVEXIR   | AVD4UZ128001504G-4BZ1RR           | 4*4GB        | SS | Samsung | 15-15-15-35 | 1.35 | 2800 | 2800 | • | • |
| AVEXIR   | AVD4UZ128001508G-4BZ1RR           | 4*8GB        | DS | Samsung | 15-15-15-35 | 1.35 | 2800 | 2800 | • | • |
| CORSAIR  | CMD16GX4M4A2800C16(Ver3.21)       | 4*4GB        | SS | Micron  | 16-18-18-36 | 1.2  | 2800 | 2800 | • | • |
| CORSAIR  | CMK64GX4M8B2800C14 (Ver4.24)      | 8*8GB        | DS | Samsung | 14-16-16-36 | 1.35 | 2800 | 2800 | • | • |
| TEAM     | TFWD416G2800C16CBK                | 16GB         | DS | TEAM    | 16-18-18-38 | 1.2  | 2800 | 2800 | • | • |
| TEAM     | TFRD48G2800C16CBK                 | 8GB          | DS | Samsung | 16-18-18-38 | 1.2  | 2800 | 2800 | • |   |
| TEAM     | TCD44G2800C16CBK                  | 4GB          | SS | Hynix   | 16-18-18-38 | 1.2  | 2800 | 2800 | • | • |
| FORZA    | NFMUD416E8-2800EH2A               | 16GB         | DS | Hynix   | 17-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| FORZA    | NFMUD480E8-2800DH2A               | 8GB          | SS | N/A     | 17-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| ADATA    | AX4U2800W8G17-BRD                 | 8GB          | DS | N/A     | 17-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| G.SKILL  | F4-2800C15Q-32GVR                 | 4*8GB        | SS | Hynix   | 15-15-15-35 | 1.25 | 2800 | 2800 | • | • |
| ADATA    | AX4U2800W4G17-BRZ                 | 2*4GB        | SS | Hynix   | 17-17-17-36 | 1.2  | 2800 | 2800 | • | • |
| ADATA    | AX4U280038G17-BWZ                 | 8GB          | SS | Hynix   | 17-17-17-36 | 1.2  | 2800 | 2800 | • |   |
| KINGMAX  | GLMG42F-18KIIA CJBR4              | 8GB          | SS | KINGMAX | 17-17-17-39 | 1.2  | 2800 | 2800 | • | • |
| CORSAIR  | CMK16GX4M4A2666C16 (Ver5.29)      | 4*4GB        | SS | N/A     | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMD32GX4M4A2666C15(Ver5.29)       | 4*8GB        | DS | N/A     | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| G.SKILL  | F4-2666C15Q-16GRR                 | 4*4GB        | SS | Hynix   | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| PATRIOT  | PX416G266C5QK                     | 4*4GB        | SS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| MUSHKIN  | 997192F                           | 2*4GB        | SS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| KINGSTON | HX426C13PBK4/32                   | 4*8GB        | DS | Hynix   | 15-15-15-36 | 1.35 | 2666 | 2666 | • | • |

|          |                              |        |    |         |             |      |      |      |   |   |
|----------|------------------------------|--------|----|---------|-------------|------|------|------|---|---|
| KINGSTON | HX426C15FBK4/32              | 4*8GB  | DS | Hynix   | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMD128GX4M8A2666C15          | 4*16GB | DS | N/A     | 15-17-17-35 | 1.2  | 2666 | 2666 |   | • |
| KINGSTON | HX426C15FBK4/16              | 4*4GB  | SS | Hynix   | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| CRUCIAL  | BLE4G4D26AFEA.8FAD           | 4GB    | SS | Micron  | 16-16-17-36 | 1.2  | 2666 | 2666 | • |   |
| CRUCIAL  | BLE8G4D26AFEA.16FAD          | 8GB    | DS | Micron  | 16-17-17-36 | 1.2  | 2666 | 2666 | • |   |
| AVEXIR   | AVD4UZ126661504G-4COB        | 4*4GB  | SS | N/A     | 15-15-15-36 | 1.2  | 2666 | 2666 | • | • |
| PATRIOT  | PV416G266C5QK                | 4*4GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • |   |
| AVEXIR   | AVD4UZ126661508G-4COB        | 4*8GB  | DS | N/A     | 15-15-15-36 | 1.2  | 2666 | 2666 | • | • |
| CRUCIAL  | BLT4G4D26AFTA.8FADG          | 4GB    | SS | Micron  | 16-17-17-36 | 1.2  | 2666 | 2666 | • | • |
| KLEVV    | IMA41GU6MFR8N-C F0           | 8GB    | DS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| KINGSTON | HX426C13SB2K4/32             | 4*8GB  | DS | Hynix   | 15-15-15-36 | 1.35 | 2666 | 2666 | • | • |
| KINGSTON | HX426C13SB2K4/16             | 4*4GB  | SS | Hynix   | 15-15-15-36 | 1.35 | 2666 | 2666 | • | • |
| PNY      | MD16GK4D4266615AXR           | 4*4GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| AVEXIR   | AVD4UZ126661504G-4IPROG      | 4*4GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| AVEXIR   | AVD4UZ126661504G             | 2*4GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMU32GX4M2A2666C16 (Ver5.20) | 2*16GB | DS | Samsung | 16-18-18-35 | 1.2  | 2666 | 2666 | • |   |
| CORSAIR  | CMK32GX4M4A2666C16(Ver3.20)  | 4*8GB  | DS | N/A     | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK16GX4M2A2666C16 (Ver3.31) | 2*8GB  | SS | Micron  | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK32GX4M2A2666C16 (Ver5.39) | 2*16GB | DS | N/A     | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK16GX4M4A2666C15 (Ver5.20) | 4*4GB  | SS | N/A     | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK64GX4M4A2666C16 (Ver5.3)  | 4*16GB | DS | Hynix   | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| G.SKILL  | F4-2666C15Q-32GRR            | 4*8GB  | SS | Hynix   | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| AVEXIR   | AVD4UZ126661704G-4COR        | 4*4GB  | SS | Samsung | 17-17-17-37 | 1.2  | 2666 | 2666 | • | • |
| AVEXIR   | AVD4UZ126661708G-4COR        | 4*8GB  | SS | Hynix   | 17-17-17-37 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK32GX4M4A2666C15 (Ver5.20) | 4*8GB  | DS | Hynix   | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| TEAM     | TFRD4162666C15BBK            | 16GB   | DS | Samsung | 15-17-17-35 | 1.2  | 2666 | 2666 | • |   |
| TEAM     | TFWD48G2666C15BBK            | 8GB    | DS | Samsung | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| TEAM     | TCD44G2666C15BBK             | 4GB    | SS | Hynix   | 15-17-17-35 | 1.2  | 2666 | 2666 | • | • |
| HyperX   | HX426C15FBK2/16              | 2*8GB  | DS | Micron  | 15-17-17-35 | 1.2  | 2666 | 2666 | • |   |
| Klevv    | IM48GU88N26-FFFHMZ           | 8GB    | SS | Hynix   | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| Klevv    | IM44GU48N26-FFFHAZ           | 4GB    | SS | Hynix   | 15-15-15-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK16GX4M2A2666C16(Ver5.30)  | 8GB    | SS | Hynix   | 16-18-18-35 | 1.2  | 2666 | 2666 | • |   |
| ADATA    | AX4U2666W4G16-BRZ            | 4GB    | SS | Hynix   | 16-16-16-39 | 1.2  | 2666 | 2666 | • |   |
| ADATA    | AX4U2666W8G16-QRZ            | 4*8GB  | DS | Hynix   | 16-16-16-39 | 1.2  | 2666 | 2666 | • | • |
| crucial  | BLS8G4D26BFSC.16FBR2         | 8GB    | DS | N/A     | 16-18-18-38 | 1.2  | 2666 | 2666 | • | • |
| crucial  | BLS16G4D26BFSC.16FBD         | 16GB   | DS | Micron  | 16-18-18-38 | 1.2  | 2666 | 2666 | • | • |
| crucial  | BLS4G4D26BFSC.8FBR2          | 4GB    | SS | N/A     | 16-18-18-38 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMK128GX4M8A2666C16(Ver5.39) | 8*16GB | DS | Hynix   | 16-18-18-36 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMR16GX4M2A2666C16(Ver5.30)  | 2*8GB  | SS | Hynix   | 16-18-18-35 | 1.2  | 2666 | 2666 | • |   |
| CORSAIR  | CMK128GX4M8A2666C16(Ver5.39) | 8*16GB | DS | Hynix   | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| CORSAIR  | CMR64GX4M8A2666C16(Ver5.30)  | 8* 8GB | SS | N/A     | 16-18-18-35 | 1.2  | 2666 | 2666 | • |   |
| HyperX   | HX426C16FB2K4/64             | 4*16GB | DS | Hynix   | 16-18-18-39 | 1.2  | 2666 | 2666 | • | • |
| G.SKILL  | F4-2666C16Q2-64GRB           | 8*8GB  | SS | Hynix   | 16-16-16-36 | 1.2  | 2666 | 2666 | • | • |
| HyperX   | HX426C15SBK8/128             | 8*16GB | DS | N/A     | 15-16-16-35 | 1.2  | 2666 | 2666 | • | • |
| HyperX   | HX426C13PB3/8                | 4*8GB  | SS | N/A     | 13-15-15-35 | 1.35 | 2666 | 2666 | • | • |

|         |                      |         |    |        |             |      |      |      |   |   |
|---------|----------------------|---------|----|--------|-------------|------|------|------|---|---|
| HyperX  | HX426C13PB3K2/16     | 4*8GB   | SS | N/A    | 13-15-15-35 | 1.35 | 2666 | 2666 | • | • |
| HyperX  | HX424C12PB3/8        | 4*8GB   | SS | N/A    | 13-15-15-35 | 1.35 | 2666 | 2666 | • | • |
| HyperX  | HX424C12PB3K2/16     | 4*8GB   | SS | N/A    | 13-15-15-35 | 1.35 | 2666 | 2666 | • | • |
| HyperX  | HX424C12PB3K4/32     | 4*8GB   | SS | N/A    | 13-15-15-35 | 1.35 | 2666 | 2666 | • | • |
| CRUCIAL | BLS8G4D26BFSC.8FBR   | 8GB     | SS | Micron | 16-18-18-38 | 1.2  | 2666 | 2666 | • | • |
| CRUCIAL | BLS8G4D26BFSC.8FBD   | 8GB     | SS | Micron | 16-18-18-38 | 1.2  | 2666 | 2666 | • | • |
| MICRON  | MTA16ATF2G64AZ-2G6H1 | 16GB    | DS | Hynix  | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| MICRON  | MTA8ATF1G64AZ-2G6H1  | 8GB     | SS | Hynix  | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| TIGO    | TMKG8G868-2666N      | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| ADATA   | AX4U266638G16-BRS    | 8*8GB   | SS | Hynix  | 16-16-16-39 | 1.2  | 2666 | 2666 | • | • |
| ADATA   | AD4U266638G19-B      | 8*8GB   | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| ADATA   | AD4U2666316G19-B     | 16*16GB | DS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| PANRAM  | W4U2666PS-16G        | 2*16GB  | DS | Hynix  | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| PANRAM  | W4U2666PS-8G         | 2*8GB   | DS | panram | 16-18-18-35 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD416G2666HC19BK    | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED416G2666C1901     | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD416G2666HC1901   | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD416G2666HC1901    | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED432G2666C19DC01   | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD432G2666HC19DC01 | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD432G2666HC19DC01  | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED464G2666C19OC01   | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD464G2666HC19OC01 | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD464G2666HC19OC01  | 16GB    | DS | Micron | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD48G2666HC19BK     | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED48G2666C1901      | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD48G2666HC1901    | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD48G2666HC1901     | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED416G2666C19DC01   | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD416G2666HC19DC01 | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD416G2666HC19DC01  | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED432G2666C19OC01   | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD432G2666HC19OC01 | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD432G2666HC19OC01  | 8GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD44G2666HC19BK     | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED44G2666C1901      | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD44G2666HC1901    | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD44G2666HC1901     | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED48G2666C19DC01    | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD48G2666HC19DC01  | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD48G2666HC19DC01   | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TED416G2666C19OC01   | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPRD416G2666HC19OC01 | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| Team    | TPD416G2666HC19OC01  | 4GB     | SS | N/A    | 19-19-19-43 | 1.2  | 2666 | 2666 | • | • |
| ADATA   | AX4U2400W8G16-DRZ    | 8GB     | DS | N/A    | 17-16-16-39 | 1.2  | 2400 | 2400 | • | • |

|          |                               |        |    |         |             |      |      |      |   |     |
|----------|-------------------------------|--------|----|---------|-------------|------|------|------|---|-----|
| G.SKILL  | F4-2400C15Q-32GRB             | 4*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| PATRIOT  | PX416G240C5QK                 | 4*4GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| GLOWAY   | PC4-19200                     | 4GB    | DS | GLOWAY  | 16-16-16-35 | 1.2  | 2400 | 2400 | • | •   |
| PANRAM   | PUD42400C154G4NJW             | 4*4GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| PANRAM   | PUD42400C158G4NJW             | 4*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| CRUCIAL  | BLS4K4G4D240FSA               | 4GB    | SS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| GEIL     | GPR416GB2400C15QC             | 4GB    | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| MUSHKIN  | 997199F                       | 2*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | HX424C15FBK4/32               | 4*8GB  | DS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| APACER   | 78.C1GMA.AF30B                | 8G     | DS | Hynix   | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| PNY      | MD16GK2D4240015AB             | 2*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| G.SKILL  | F4-2400C15D-169GVR            | 2*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| APACER   | AHU08GGB24CDT7G               | 8GB    | DS | Hynix   | 16-16-16-36 | 1.2  | 2400 | 2400 | • | • • |
| CORSAIR  | CM4X8GE2400C14K4-CN (Ver4.24) | 8GB    | DS | N/A     | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMK8GX4M1A2400C14(Ver3.20)    | 8GB    | DS | N/A     | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| PATRIOT  | PV416G240C5QK                 | 4*4GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | HX424C15FBK4/16               | 4*4GB  | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| G.SKILL  | F4-2400C14Q2-128GRK           | 8*16GB | DS | Samsung | 14-14-14-34 | 1.2  | 2400 | 2400 | • | •   |
| G.SKILL  | F4-2400C14Q-16GRK             | 4*4GB  | SS | Hynix   | 14-14-14-34 | 1.2  | 2400 | 2400 | • | • • |
| G.SKILL  | F4-2400C15Q-16GRR             | 4*4GB  | SS | Samsung | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| AVEXIR   | AVD4UZ124001608G-4COR         | 4*8GB  | DS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| AVEXIR   | AVD4UZ124001604G-4COB         | 4*4GB  | SS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | • • |
| CRUCIAL  | BLS8G4D240FSA.16FADG          | 8GB    | DS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| TEAM     | TED48G2400C16BK               | 8GB    | DS | Hynix   | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | HX424C12PBK4/32               | 4*8GB  | DS | Hynix   | 12-13-13-35 | 1.35 | 2400 | 2400 | • | • • |
| G.SKILL  | F4-2400C15Q-32GRR             | 4*8GB  | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| PATRIOT  | PSD48G240002                  | 8GB    | DS | PAIROT  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| LEORICE  | DDR4/2400MHZ/CL15/1.2V        | 4*8GB  | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| CORSAIR  | CMD32GX4M4A2400C14 (Ver4.23)  | 4*8GB  | DS | N/A     | 14-16-16-31 | 1.2  | 2400 | 2400 | • | • • |
| AMD      | R748G2400U2S                  | 8GB    | DS | N/A     | 15-15-15-36 | 1.2  | 2400 | 2400 | • | •   |
| MICRON   | MTA16ATF2G64AZ-2G3B1          | 16GB   | DS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| MICRON   | MTA8ATF1G64AZ-2G3B1           | 8GB    | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| KINGSTON | HX424C12SB2K4/16              | 4*4GB  | SS | Hynix   | 12-14-14-35 | 1.35 | 2400 | 2400 | • | •   |
| KINGSTON | HX424C12SB2K4/32              | 4*8GB  | DS | Hynix   | 12-14-14-35 | 1.35 | 2400 | 2400 | • | •   |
| KINGSTON | HX424C15FBK2/16               | 2*8GB  | DS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| GALAXY   | GAM4BXLBS240016JE164C         | 4*4GB  | SS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| APACER   | AH08GGB24CDT5H                | 2*8GB  | DS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMK8GX4M2A2400C14(Ver3.28)    | 2* 4GB | SS | N/A     | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMK16GX4M2A2400C14            | 2*8GB  | DS | N/A     | 14-16-16-31 | 1.2  | 2400 | 2400 | • | • • |
| AVEXIR   | AVD4UZ124001608G-1COB         | 8GB    | DS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| AVEXIR   | AVD4U24001608G-1BW            | 8GB    | DS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| APACER   | AU08GGB24CETBGC               | 8GB    | DS | APACER  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| AVEXIR   | AVD4UZ124001608G-2COR         | 2*8GB  | DS | N/A     | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| V-COLOR  | 8GTC48G24S817-IMS             | 4*8GB  | SS | V-COLOR | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMD32GX4M4A2400C12 (Ver5.20)  | 4*8GB  | DS | Hynix   | 12-14-14-28 | 1.2  | 2400 | 2400 | • | •   |

|          |                              |         |    |         |             |      |      |      |   |     |
|----------|------------------------------|---------|----|---------|-------------|------|------|------|---|-----|
| G.SKILL  | F4-2400C15Q-64GIS            | 4*16GB  | DS | Micron  | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| CRUCIAL  | BLS8G4D240FSB.16FARG         | 4*8GB   | DS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| GEIL     | GLW416GB2400C15DC            | 8GB     | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| TEAM     | TDTRD48G2400HC15ABK          | 8GB     | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| TEAM     | TDRED48G2400HC14BK           | 8GB     | DS | Hynix   | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| GEIL     | GRP416GB2400C16DC            | 8GB     | SS | Micron  | 16-16-16-36 | 1.2  | 2400 | 2400 | • |     |
| ADATA    | AX4U2400W8G16-BRZ            | 8GB     | DS | N/A     | 17-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | HX424C15FB/16                | 16GB    | DS | Micron  | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| CRUCIAL  | BLS8G4D240FSC.16FARG         | 8GB     | DS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMK32GX4M2A2400C14(Ver3.31)  | 2*16GB  | DS | Micron  | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| GALAXY   | GAM4HFL1BM2400D15IE08IC      | 8G      | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMK32GX4M4A2400C16R(Ver3.31) | 4*8GB   | SS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| CORSAIR  | CMD16GX4M4B2400C10           | 4*4GB   | SS | Hynix   | 10-12-12-28 | 1.35 | 2400 | 2400 | • |     |
| MUSHKIN  | 997199T                      | 2*8GB   | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| GEIL     | 8G2133C151.2V                | 8GB     | DS | Hynix   | 14-16-16-35 | 1.2  | 2400 | 2400 | • | •   |
| TEAM     | TED416G2400C16BK             | 16GB    | DS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • |     |
| TEAM     | TCD44G2400C14BK              | 4GB     | SS | Hynix   | 14-16-16-31 | 1.2  | 2400 | 2400 | • |     |
| TIGO     | TMKU8GF28-2400U              | 8GB     | DS | N/A     | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| APACER   | AU08GGB24CEYBGC              | 8GB     | SS | Hynix   | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | HX424C12SB2K2/16             | 16G     | DS | Hynix   | 12-14-14-35 | 1.35 | 2400 | 2400 | • | •   |
| GLOWAY   | PC4-19200                    | 8GB     | SS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| ADATA    | AX4U240038G16-BWZ            | 8*8GB   | SS | Hynix   | 17-16-16-39 | 1.2  | 2400 | 2400 | • | • • |
| ADATA    | AX4U2400316G16-SBF           | 16*16GB | DS | Hynix   | 17-16-16-39 | 1.2  | 2400 | 2400 | • | •   |
| AVEXIR   | AVD4UZ124001608G-4COR        | 4*8GB   | SS | Micron  | 16-16-16-36 | 1.2  | 2400 | 2400 | • | • • |
| AVEXIR   | AVD4UZ124001604G-4COR        | 4*4GB   | SS | Micron  | 16-16-16-36 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | TF24D4U7S8MB-8               | 8GB     | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| KINGSTON | TF24D4U7S1MBD-2              | 2GB     | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| KINGSTON | TF24D4U7S8MBD-4              | 4GB     | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| RAMAXEL  | RMUA5120MB86H9F-2400         | 4GB     | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| RAMAXEL  | RMUA5120MB76H8F-2400         | 2GB     | SS | Micron  | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| V-COLOR  | TC48G24S817                  | 8GB     | SS | V-COLOR | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| ADATA    | AX4U240038G16-SBF            | 8*8GB   | SS | Hynix   | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| ADATA    | AX4U2400W8G16-DRD            | 8GB     | DS | Hynix   | 17-17-17-39 | 1.2  | 2400 | 2400 | • | • • |
| ADATA    | AX4U2400316G16-DRD           | 16GB    | DS | Hynix   | 17-17-17-39 | 1.2  | 2400 | 2400 | • | •   |
| G.SKILL  | F4-2400C15Q2-64GRK           | 8*8GB   | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| TEAM     | TCD48G2400C14BK              | 8GB     | SS | Micron  | 14-16-16-31 | 1.2  | 2400 | 2400 | • | •   |
| TEAM     | TED44G2400C16BK              | 4GB     | SS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • |     |
| CRUCIAL  | BLS16G4D240FSE.16FAD         | 16GB    | DS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • |     |
| CRUCIAL  | BLS4G4D240FSA.8FARG          | 4GB     | SS | Micron  | 16-16-16-39 | 1.2  | 2400 | 2400 | • |     |
| PATRIOT  | PV48G240C5                   | 8GB     | DS | N/A     | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| TEAM     | TFWD416G2400C15BBK           | 16GB    | DS | TEAM    | 15-17-17-35 | 1.2  | 2400 | 2400 | • | •   |
| TEAM     | TFRD48G2400C15ABK            | 8GB     | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • |     |
| TEAM     | TFRD44G2400C15ABK            | 4GB     | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | •   |
| Klevv    | IM44GU48N24-FFFHAZ           | 4GB     | SS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • | • • |
| Klevv    | IM4AGU88N24-FFFHMZ           | 16GB    | DS | Hynix   | 15-15-15-35 | 1.2  | 2400 | 2400 | • |     |

|          |                              |        |    |         |             |     |      |      |   |   |   |
|----------|------------------------------|--------|----|---------|-------------|-----|------|------|---|---|---|
| Klevv    | IM48GU88N24-FFFHMZ           | 8GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| Klevv    | IM4AGU88N24-FFFHMB           | 16GB   | DS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • |   |
| Klevv    | IM48GU88N24-FFFHMB           | 8GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| Klevv    | IM44GU48N24-FFFHAB           | 4GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • |   |
| GEIL     | GPR432GB2400C16QC            | 8GB    | SS | Micron  | 16-16-16-36 | 1.2 | 2400 | 2400 | • |   |   |
| CRUCIAL  | MTA16ATF1G64AZ-2G3A2         | 8GB    | DS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| G.SKILL  | F4-2400C15Q-64GFX            | 4*16GB | DS | Hynix   | 15-15-15-39 | 1.2 | 2400 | 2400 | • | • |   |
| G.SKILL  | F4-2400C15Q-32GFX            | 4*8GB  | SS | Hynix   | 15-15-15-39 | 1.2 | 2400 | 2400 | • |   |   |
| G.SKILL  | F4-2400C16Q-64GFX            | 4*16GB | DS | Hynix   | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • |   |
| G.SKILL  | F4-2400C16Q-32GFX            | 4*8GB  | SS | Hynix   | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • | • |
| CORSAIR  | CMK16GX4M2Z2400C16(Ver3.31)  | 2* 8GB | SS | Micron  | 16-16-16-18 | 1.2 | 2400 | 2400 | • | • |   |
| CORSAIR  | CMK128GX4M8A2400C14(Ver5.30) | 8*16GB | DS | Hynix   | 14-16-16-31 | 1.2 | 2400 | 2400 | • | • |   |
| AMD      | R744G2400U1S                 | 4GB    | SS | N/A     | 15-15-15-36 | 1.2 | 2400 | 2400 | • | • |   |
| CORSAIR  | CMK128GX4M8A2400C14(Ver5.30) | 8*16GB | DS | Hynix   | 14-16-16-31 | 1.2 | 2400 | 2400 | • | • |   |
| CORSAIR  | CMK16GX4M2Z2400C16(Ver3.31)  | 2*8GB  | SS | Micron  | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • |   |
| GeIL     | GFR416GB2400C16S             | 16GB   | SS | Micron  | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| GeIL     | GFR432GB2400C16D             | 16GB   | SS | Micron  | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| HyperX   | HX424C15FB2K4/32             | 4*8GB  | SS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • |   |
| GLOWAY   | STK4U2400D17081C             | 8GB    | DS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| GLOWAY   | STK4U2400D17081C             | 8GB    | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| GLOWAY   | STK4U2400D17161C             | 16GB   | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| PATRIOT  | PSD48G240081                 | 8GB    | SS | SEC 710 | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| PATRIOT  | PSD44G240081                 | 4GB    | SS | SEC 707 | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • | • |
| PATRIOT  | PSD416G24002                 | 16GB   | DS | SEC 707 | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| PATRIOT  | PV432G240C5QK                | 4*8GB  | SS | N/A     | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| PATRIOT  | PVE48G240C5KRD               | 2*4GB  | SS | N/A     | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| PATRIOT  | PVE416G240C5KBL              | 2*8GB  | SS | N/A     | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| SAMSUNG  | M378A2K43CB1-CRC             | 16GB   | DS | Samsung | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| Crucial  | CT8G4DFS824A.C8FBD1          | 8GB    | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| ADATA    | AD4X240038G17-BP             | 8*8GB  | SS | SpecTek | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| APACER   | AHU08GGB24CDU7S              | 8GB    | SS | N/A     | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • | • |
| Crucial  | BLS8G4D240FSC.16FBR2         | 8GB    | DS | Micron  | 16-16-16-39 | 1.2 | 2400 | 2400 | • |   |   |
| Asgard   | VML41UG-MIC1U22ZG            | 8GB    | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| KINGMAX  | GLLF62F-DAKZIG CLBU          | 4GB    | SS | N/A     | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| KINGMAX  | GLLH22F-18KIIA CFBU2         | 16GB   | DS | N/A     | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| KINGMAX  | GLLG42F-D8KBIA CFDU          | 8GB    | DS | KINGMAX | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| GEIL     | GP44GB2400C16SC              | 4GB    | SS | Micron  | 17-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| Kingston | KVR24N17S8/4                 | 4GB    | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| CRUCIAL  | BLS16G4D240FSC.16FBR         | 16GB   | DS | Micron  | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • |   |
| CRUCIAL  | BLS8G4D240FSCK.8FBD          | 8GB    | SS | Micron  | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • | • |
| CRUCIAL  | CT8G4DFD824A.C16FBD2         | 8GB    | DS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| CRUCIAL  | CT16G4DFD824A.C16FHD1        | 16GB   | DS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| ADATA    | AX4U240038G16-BRZ            | 8*8GB  | SS | Hynix   | 17-16-16-39 | 1.2 | 2400 | 2400 | • | • |   |
| G.SKILL  | F4-2400C15S-8GNT             | 8GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| Crucial  | CT8G4DFS824A.C8FHD1          | 8GB    | SS | Micron  | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |



|               |                             |       |    |              |             |     |      |      |   |   |   |
|---------------|-----------------------------|-------|----|--------------|-------------|-----|------|------|---|---|---|
| APACER        | AU08GGB24CEYBGH             | 8GB   | SS | N/A          | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| GALAXY        | GAMER D4-2400 8G C16 紅燈     | 8GB   | DS | Hynix        | 16-16-16-36 | 1.2 | 2400 | 2400 | • |   |   |
| GALAXY        | GAMER D4-2400 8G C16 綠燈     | 8GB   | DS | Hynix        | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| GALAXY        | GAMER III DDR4-2400 8G C16  | 8GB   | SS | Micron       | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| Ramsta        | R2DD4N04G2400               | 4GB   | SS | Micron       | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • | • |
| Ramsta        | R2DD4N16G2400               | 16GB  | SS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| Ramsta        | R2DD4N08G2400               | 8GB   | DS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| G.SKILL       | F4-2400C17S-8GISM           | 8GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| HyperX        | HX424C15FB/4                | 4GB   | SS | Micron       | 15-15-15-35 | 1.2 | 2400 | 2400 | • | • | • |
| CRUCIAL       | BLS8G4D240FSE.16FBR2        | 8GB   | DS | Micron       | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • |   |
| APACER        | AHU08GGB24CDU7G             | 8GB   | SS | Micron       | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • | • |
| GEIL          | GASB416GB2400C16QC          | 4GB   | SS | Micron       | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • | • |
| GEIL          | GASB432GB2400C16QC          | 8GB   | SS | N/A          | 16-16-16-36 | 1.2 | 2400 | 2400 | • | • | • |
| G.SKILL       | F4-2400C17S-8GDB            | 8GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| TIGO          | TMKU8G868-2400U             | 8GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| TIGO          | TMKG8G868-2400U             | 8GB   | SS | N/A          | 16-16-16-39 | 1.2 | 2400 | 2400 | • | • | • |
| APACER        | AU16GGB24CEYBGC             | 16GB  | DS | APACER       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| GEIL          | GLS48GB2400C16DC            | 4GB   | SS | N/A          | 17-16-16-36 | 1.2 | 2400 | 2400 | • | • |   |
| GLOWAY        | TYP8U2400E17042C            | 8GB   | SS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| Asgard        | VML41UG-MEC1U2BQ1           | 8GB   | SS | N/A          | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| silicon power | SP008GBLFU240B02            | 8GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| GeIL          | GLS48GB2400C16DC            | 4GB   | SS | Micron       | 17-16-16-36 | 1.2 | 2400 | 2400 | • |   |   |
| TIGO          | TMKU4G456-2400U             | 4GB   | SS | TIGO         | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| TIGO          | TMKUFGF68-2400U             | 16GB  | DS | TIGO         | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| HYUNDAI       | HYE4G24C17                  | 4GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| HYUNDAI       | HYE8G24C17                  | 8GB   | SS | Hynix        | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| Apacer        | AU16GGB24CEYBGH             | 16GB  | DS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| MAXSUN        | MSD44G24Q3                  | 4GB   | DS | Samsung      | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| MAXSUN        | MSD48G24Q3                  | 8GB   | DS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| TECLAST       | TLD44G24A30                 | 4GB   | DS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • |   |
| TECLAST       | TLD48G24A30                 | 8GB   | SS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • |   |   |
| Kingston      | KVR24N17S8/80-SP            | 8GB   | SS | Micron       | 17-17-17-39 | 1.2 | 2400 | 2400 | • | • | • |
| SAMSUNG       | M378A5143DB0--CPB           | 4GB   | SS | Samsung      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| SAMSUNG       | M378A1G43DB0--CPB           | 8GB   | DS | SEC 428 BCPB | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| G.SKILL       | F4-2133C15Q-32GRK           | 4*8GB | DS | Samsung      | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| GLOWAY        | PC4-17000                   | 4GB   | SS | N/A          | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| KINGSTON      | HX421C13PBK4/16             | 4*4GB | SS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| PANRAM        | PUD42133C138G4NJW           | 4*8GB | DS | N/A          | 13-13-13-35 | 1.2 | 2133 | 2133 | • |   |   |
| PANRAM        | PUD42133C134G4NJW           | 4*4GB | SS | N/A          | 13-13-13-35 | 1.2 | 2133 | 2133 | • | • | • |
| CORSAIR       | CMK16GX4M4A2133C15(Ver4.23) | 4*4GB | SS | N/A          | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| CRUCIAL       | MTA8ATF51264AZ-2G1A1        | 4GB   | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| CORSAIR       | CMV4GX4M1A2133C15           | 4GB   | SS | N/A          | 15-15-15-36 | 1.2 | 2133 | 2133 | • |   |   |
| KINGSTON      | HX421C14FB/8                | 8GB   | DS | Hynix        | 14-14-14-35 | 1.2 | 2133 | 2133 | • |   |   |
| APACER        | 78.C1GM3.AF10B              | 8GB   | DS | Hynix        | 16-16-16-36 | 1.2 | 2133 | 2133 | • | • | • |

|          |                              |        |    |              |             |     |      |      |   |   |   |
|----------|------------------------------|--------|----|--------------|-------------|-----|------|------|---|---|---|
| KINGSTON | HX421C13SBK4/16              | 4*4GB  | SS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| KINGSTON | KVR21N15D8/8                 | 8GB    | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| GALAXY   | GAM4DBLBM213315IE081C        | 8GB    | DS | N/A          | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| AVEXIR   | AVD4U21331508G-1C0B          | 8GB    | DS | N/A          | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| CORSAIR  | CMK16GX4M4A2133C13 (Ver5.29) | 4*4GB  | SS | N/A          | 13-15-15-28 | 1.2 | 2133 | 2133 | • | • | • |
| GEIL     | GPR48GB2133C15DC             | 2*4GB  | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| KINGSTON | HX421C14FBK4/32              | 4*8GB  | DS | Hynix        | 14-14-14-35 | 1.2 | 2133 | 2133 | • | • |   |
| TEKISM   | T4U2133B8G15-SAD             | 8GB    | DS | SEC 446 BCPB | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| G.SKILL  | F4-2133C15Q-16GRB            | 4*4GB  | SS | Samsung      | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| CENTURY  | PC4-17000                    | 8GB    | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| ADATA    | AX4U2133W4G15-QRZ            | 4*4GB  | SS | N/A          | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| TEAM     | TED48GM2133C15BK             | 8GB    | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| ADATA    | AD4U2133W8G15-B              | 16*8GB | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| CRUCIAL  | CT8G4DFD8213.16FA11          | 4*8GB  | DS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| KINGSTON | KVR21E15S8/4                 | 4GB    | SS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| G.SKILL  | F4-2133C15S-4GNT             | 4GB    | SS | Hynix        | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| G.SKILL  | F4-2133C15S-8GNT             | 8GB    | DS | Hynix        | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| TEAM     | TPAD44G2133HC15BK            | 4GB    | SS | Samsung      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| APACER   | AHU08GGB13CGT7G              | 8GB    | DS | Hynix        | 16-16-16-36 | 1.2 | 2133 | 2133 | • | • |   |
| ASINT    | SLB404G08-CCN2B 1615         | 8GB    | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| PATRIOT  | PSD48G21332                  | 8GB    | DS | PAIROT       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| APACER   | AU08GGB13CDTBGC              | 8GB    | DS | APACER       | 16-16-16-36 | 1.2 | 2133 | 2133 | • | • |   |
| SAMSUNG  | M378A1K43BB1-CPB             | 8GB    | SS | Samsung      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| KINGSTON | HX421C14FB2/8                | 8GB    | SS | Micron       | 14-14-14-35 | 1.2 | 2133 | 2133 | • | • |   |
| KINGSTON | HX421C14FBK2/8               | 2*4GB  | SS | Micron       | 14-14-14-35 | 1.2 | 2133 | 2133 | • | • |   |
| KINGSTON | HX421C14FB/4                 | 4GB    | SS | Hynix        | 14-14-14-35 | 1.2 | 2133 | 2133 | • | • |   |
| V-COLOR  | TC48G21S818-IMS              | 4*8GB  | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| TEAM     | TED416G2133C15BK             | 16GB   | DS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| TIGO     | TMKU8GF58-2133P              | 8GB    | DS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| SAMSUNG  | M378A5143EB1-CPB             | 4GB    | SS | Samsung      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| SAMSUNG  | M378A5143EB1-CPB             | 4GB    | SS | Samsung      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| TEAM     | TED48G2133C15BK              | 8GB    | SS | SpecTek      | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| ANUCELL  | GRPIF1621033818594           | 8GB    | DS | ANUCELL      | 16-16-16-35 | 1.2 | 2133 | 2133 | • | • |   |
| Xiede    | 1.2V-PC4-17000-1620          | 4GB    | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| Xiede    | 1.2V-PC4-17000-1620          | 8GB    | DS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| V-COLOR  | TC48G21S815                  | 8GB    | SS | Hynix        | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| V-COLOR  | TC48G21S815-iMS              | 8GB    | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| SAMSUNG  | M378A2K43BB1CPB              | 16GB   | DS | SEC510       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| G.SKILL  | F4-2133C15Q-32GRR            | 4*8GB  | SS | N/A          | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| G.SKILL  | F4-2133C15Q2-64GRR           | 8*8GB  | SS | Hynix        | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| CRUCIAL  | CT16G4DFD8213.C16FAD1        | 16GB   | DS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| CRUCIAL  | CT8G4DFD8213.C16FDR2         | 8GB    | DS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| CRUCIAL  | CT4G4DFS8213.C8FBD2          | 4GB    | SS | Micron       | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| GEIL     | GFY48GB2133C15DC             | 4GB    | SS | N/A          | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| Klevv    | IM48GU88N21-FFFHMB           | 8GB    | SS | Hynix        | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |

|               |                             |        |    |         |             |     |      |      |   |   |   |
|---------------|-----------------------------|--------|----|---------|-------------|-----|------|------|---|---|---|
| Klevv         | IM44GU48N21-FFFHAB          | 4GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| Klevv         | IM4AGU88N21-FFFHMB          | 16GB   | DS | Hynix   | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| GEIL          | GPR432GB2133C15QC           | 8GB    | SS | Micron  | 15-15-15-36 | 1.2 | 2133 | 2133 | • |   |   |
| SK HYNIX      | HMA451U6AFR8N-TF            | 4*4GB  | SS | Hynix   | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| GLOWAY        | STK4U2133D15041C/ PC4-17000 | 4GB    | SS | N/A     | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| G.SKILL       | F4-2133C15Q-64GFX           | 4*16GB | DS | N/A     | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| G.SKILL       | F4-2133C15Q-32GFX           | 4*8GB  | SS | N/A     | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| G.SKILL       | F4-2133C15S-8GDB            | 8GB    | SS | Hynix   | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| AVANT         | AVW6451U67J5213N3-SAEP      | 4GB    | SS | SEC 549 | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| AVANT         | AVW641GU67J5213N2-SAEP      | 8GB    | DS | SEC 549 | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| AVANT         | AVW642GU42J5213N2-SAEP      | 16GB   | DS | SEC 549 | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |
| SanMax        | SMD4-U4G28SE-21P            | 4GB    | SS | SEC 534 | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| CRUCIAL       | CT16G4DFD8213.C16FH1        | 16GB   | DS | Micron  | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| ADATA         | AD4U213338G15-B             | 8*8GB  | SS | SpecTek | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| ADATA         | AD4U2133W4G15-BP            | 8*4GB  | SS | SpecTek | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| Ramsta        | R2DD4N04G2133               | 4GB    | SS | Micron  | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • | • |
| Ramsta        | R2DD4N08G2133               | 8GB    | SS | Micron  | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| APACER        | AU16GGB13CDYBGC             | 16GB   | DS | APACER  | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| silicon power | SP004GBLFU213N02            | 4GB    | SS | Hynix   | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| TEKISM        | T4U2133B8G15-HYM            | 2* 8GB | DS | Hynix   | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • |   |
| TIGO          | TMKU4G456-2133P             | 4GB    | SS | Hynix   | 15-15-15-36 | 1.2 | 2133 | 2133 | • | • | • |
| HYUNDAI       | HYE16G21C15                 | 16GB   | SS | Hynix   | 15-15-15-35 | 1.2 | 2133 | 2133 | • | • |   |

Note:

4 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.
- 4 DIMMs: Supports 4 modules inserted into all slots as two pairs of Dual-channel memory configuration.

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

2. 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.

3. lways 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.

4. DDR4 3200MHz and higher memory modules will run at max. 3200MHz on with AMD Ryzen™ with Radeon™ Vega GraphicsProcessors