

MAXIMUS VIII FORMULA

DDR4 3733 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|---------------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3733W4G17-DWZ | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| AVEXIR | AVD4UZ137331804G-2CIR/BZ1 | 8GB (2 x 4GB) | SS | - | - | 18-20-20-40 | 1.35V | ● | |
| AVEXIR | AVD4UZ137331804G-4CIR/BZ1 | 16GB (4 x 4GB) | SS | - | - | 18-20-20-40 | 1.35V | ● | ● |
| G.SKILL | F4-3733C17D-8GVK | 8GB (2 x 4GB) | SS | - | - | 17-19-19-39 | 1.35V | ● | |
| G.SKILL | F4-3733C17D-8GTZ | 8GB (2 x 4GB) | SS | - | - | 17-19-19-39 | 1.35V | ● | |
| G.SKILL | F4-3733C17Q-16GVK | 16GB (4 x 4GB) | SS | - | - | 17-19-19-39 | 1.35V | ● | ● |
| G.SKILL | F4-3733C17Q-16GTZ | 16GB (4 x 4GB) | SS | - | - | 17-19-19-39 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3700 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|--------------|-------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3700W4G17-DWZ | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| ADATA | AX4U3700W4G17-QWZ | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3600 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|---------------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3600W4G17-DWZ | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| ADATA | AX4U3600W4G17-QWZ | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |
| APACER | 78.BAGN2.4020B | 8GB (2 x 4GB) | SS | - | - | 18-18-18-42 | 1.35V | ● | |
| AVEXIR | AVD4UZ136001804G-2CIR/BZ1 | 8GB (2 x 4GB) | SS | - | - | 18-20-20-40 | 1.35V | ● | |
| AVEXIR | AVD4UZ136001804G-4CIR/BZ1 | 16GB (4 x 4GB) | SS | - | - | 18-20-20-40 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4B3600C18 | 16GB (4 x 4GB) | SS | - | - | 18-19-19-38 | 1.35V | ● | ● |
| CORSAIR | CMK32GX4M4B3600C18 | 32GB (4 x 8GB) | SS | - | - | 18-19-19-39 | 1.35V | ● | ● |
| CORSAIR | CMK8GX4M2B3600C18 | 8GB (2 x 4GB) | SS | - | - | 18-19-19-39 | 1.35V | ● | |
| G.SKILL | F4-3600C17-8GVK | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3600C17-8GTZ | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3600C17Q-16GTZ | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3600C17-16GVK | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3600C17-16CGTZ | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |
| Team | TXD416G3600HC18ADC01 | 16GB (2 x 8GB) | SS | - | - | 18-20-20-39 | 1.35V | ● | |
| Team | TXWD416G3600HC18ADC01 | 16GB (2 x 8GB) | SS | - | - | 18-20-20-39 | 1.35V | ● | |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3500 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|--------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| G.SKILL | F4-3500C17Q-16GRRD | 16GB (4 x 4GB) | SS | - | - | 17-18-18-36 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3466 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|---------------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3466W4G16-DWZ | 8GB (2 x 4GB) | SS | - | - | 16-17-17-36 | 1.35V | ● | |
| ADATA | AX4U3466W4G16-QWZ | 16GB (4 x 4GB) | SS | - | - | 16-17-17-36 | 1.35V | ● | ● |
| APACER | 78.BAGN1.4020B | 8GB (2 x 4GB) | SS | - | - | 18-18-18-42 | 1.35V | ● | |
| AVEXIR | AVD4UZ134661704G-2CIR/BZ1 | 8GB (2 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | |
| AVEXIR | AVD4UZ134661704G-4CIR/BZ1 | 16GB (4 x 4GB) | SS | - | - | 17-18-18-38 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4B3466C18 | 16GB (4 x 4GB) | SS | - | - | 18-19-19-38 | 1.35V | ● | ● |
| CORSAIR | CMK32GX4M4B3466C16 | 32GB (4 x 8GB) | SS | - | - | 16-18-18-36 | 1.35V | | ● |
| CORSAIR | CMK16GX4M2B3466C16 | 16GB (8 x 2GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | |
| G.SKILL | F4-3466C16Q-16GVK | 16GB (4 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3466C16Q-16GRRD | 16GB (4 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| Team | TCD48G3466C17ABK | 16GB (2 x 8GB) | SS | - | - | 17-19-19-39 | 1.35V | ● | |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|--------------------|-----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3400W4G16-DWZ | 8GB (2 x 4GB) | SS | - | - | 16-17-17-36 | 1.35V | ● | |
| ADATA | AX4U3400W4G16-QWZ | 16GB (4 x 4GB) | SS | - | - | 16-17-17-36 | 1.35V | ● | ● |
| CORSAIR | CMK16GX4M4B3400C16 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-40 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-16GRKD | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-16GRBD | 16GB (4 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16D-16GRK | 16GB (2 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16D-16GVK | 16GB (2 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16D-16GTZ | 16GB (2 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16Q-32GRK | 32GB (4 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-32GVK | 32GB (4 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-32GTZ | 32GB (4 x 8GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16D-32GRK | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16D-32GVK | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16D-32GTZ | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3400C16Q-64GRK | 64GB (4 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-64GVK | 64GB (4 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3400C16Q-64GTZ | 64GB (4 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3333 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|---------------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3333W4G16-DRZ | 8GB (2 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | |
| ADATA | AX4U3333W4G16-QRZ | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| AVEXIR | AVD4UZ133331604G-2CIR/BZ1 | 8GB (2 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | |
| AVEXIR | AVD4UZ133331604G-4CIR/BZ1 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4B3333C16 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| CORSAIR | CMK64GX4M4B3333C16 | 16GB(4GB*4) | DS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| G.SKILL | F4-3333C16Q-16GRRD | 16GB (4 x 4GB) | SS | - | - | 16-18-18-38 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3300 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------------|---------------------|----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U3300W4G16-DRZ | 8GB (2 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | |
| ADATA | AX4U3300W4G16-QRZ | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| AVEXIR | AVD4U33001604G-4CIR | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4B3300C16 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| CORSAIR | CMK16GX4M4B3300C16 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| G.SKILL | F4-3300C16Q-16GRKD | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3300C16Q-16GRK | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3200 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|-----------------|---------------------|-----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| AVEXIR | AVD4U32001604G-4CIR | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| ADATA | AX4U3200W4G16-DRZ | 8GB (2 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | |
| ADATA | AX4U3200W4G16-QRZ | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| CORSAIR | CMK16GX4M4B3200C15 | 16GB (4 x 4GB) | SS | - | - | 15-17-17-35 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4B3200C16 | 16GB (4 x 4GB) | SS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| CORSAIR | CMK32GX4M4B3200C16 | 32GB (4 x 8GB) | DS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| CORSAIR | CMD16GX4M4C3200C15 | 16GB(4GB*4) | SS | - | - | 15-17-17-35 | 1.35V | | ● |
| CORSAIR | CMK8GX4M2B3200C16 | 8GB(4GB*2) | SS | - | - | 16-18-18-36 | 1.35V | ● | |
| CORSAIR | CMK16GX4M4C3200C16 | 16GB(4GB*4) | SS | - | - | 16-18-18-36 | 1.35V | | ● |
| CORSAIR | CMK32GX4M4B3200C16 | 32GB (4 x 8GB) | DS | - | - | 16-18-18-36 | 1.35V | ● | ● |
| Kingston | HX432C16PBK4/16 | 16GB (4 x 4GB) | SS | - | - | 16-16-16-39 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-16GVR | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-16GRKD | 16GB (4 x 4GB) | SS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16D-16GRK | 16GB (2 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | |
| G.SKILL | F4-3200C16D-16GVK | 16GB (2 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | |
| G.SKILL | F4-3200C16D-16GTZ | 16GB (2 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | |
| G.SKILL | F4-3200C16Q-32GVR | 32GB (4 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-32GRK | 32GB (4 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-32GVK | 32GB (4 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-32GTZ | 32GB (4 x 8GB) | DS | - | - | 16-16-16-36 | 1.35V | ● | ● |
| G.SKILL | F4-3200C15D-32GRK | 32GB (2 x 16GB) | DS | - | - | 15-15-15-35 | 1.35V | ● | |
| G.SKILL | F4-3200C15D-32GVK | 32GB (2 x 16GB) | DS | - | - | 15-15-15-35 | 1.35V | ● | |
| G.SKILL | F4-3200C15D-32GTZ | 32GB (2 x 16GB) | DS | - | - | 15-15-15-35 | 1.35V | ● | |
| G.SKILL | F4-3200C16D-32GRK | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3200C16D-32GVK | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3200C16D-32GTZ | 32GB (2 x 16GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | |
| G.SKILL | F4-3200C16Q-64GRK | 64GB (4 x 64GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-64GVK | 64GB (4 x 64GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |
| G.SKILL | F4-3200C16Q-64GTZ | 64GB (4 x 64GB) | DS | - | - | 16-18-18-38 | 1.35V | ● | ● |

*When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

DDR4 3000 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|----------|----------------------------------|------------------|-------|------------|------------------|------------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| Asint | SLA404G08-EWWHMX(XMP) | 4GB | SS | SK Hynix | H5AN4G8NMFRFC | 3000-15-15-15-44 | 1.35 | ● | ● |
| AVEXIR | AVD4U30001504G-4CIR(XMP) | 16GB (4x 4GB) | DS | - | - | 15-15-15-35 | 1.35 | ● | ● |
| AVEXIR | AVD4U30001608G-4CIR(XMP) | 32GB (4x 8GB) | DS | - | - | 16-18-18-36 | 1.35 | ● | ● |
| CORSAIR | CMD16GX4M4B3000C15(Ver5.29)(XMP) | 16GB (4x 4GB) | DS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMD32GX4M4B3000C15(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 3000-15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMK16GX4M2B3000C15(Ver4.23)(XMP) | 16GB (2x 8GB) | DS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMK16GX4M4B3000C15(Ver5.29)(XMP) | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMK32GX4M2B3000C15(Ver4.31)(XMP) | 32GB (2x 16GB) | DS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMK8GX4M2B3000C15(Ver4.23)(XMP) | 8GB (2x 4GB) | DS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| CORSAIR | CMK8GX4M2B3000C15 | 8GB(4GB*2) | SS | - | - | 15-17-17-35 | 1.35V | ● | ● |
| CORSAIR | CMK64GX4M4B3000C15 | 64GB(16GB*4) | DS | - | - | 15-17-17-35 | 1.35V | ● | ● |
| CORSAIR | CMK16GX4M2B3000C15 | 16GB(8GB*2) | DS | - | - | 15-17-17-35 | 1.35V | ● | ● |
| G.SKILL | F4-3000C15Q-16GRK(XMP) | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.35 | ● | ● |
| G.SKILL | F4-3000C15Q-16GRR(XMP) | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.35 | ● | ● |
| G.SKILL | F4-3000C15Q-16GRR(XMP) | 16GB (4x 4GB) | SS | - | - | 15-15-15-31 | 1.35 | ● | ● |
| G.SKILL | F4-3000C15Q-32GRK(XMP) | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.35 | ● | ● |
| GelL | GLR416GB3000C16QC(XMP) | 16GB (4x 4GB) | SS | - | - | 16-16-16-36 | 1.35 | ● | ● |
| GelL | GW416GB3000C15DC(XMP) | 16GB (2x 8GB) | DS | GelL | CG4L512G88BA093L | 3000-15-17-17-35 | 1.35 | ● | ● |
| Kingston | HX430C15PB2K4/16(XMP) | 16GB (4x 4GB) | SS | - | - | 15-16-16-39 | 1.35 | ● | ● |
| Kingston | HX430C16D4K4/64(XMP) | 64GB (4x 16GB) | DS | SK Hynix | H5AN8G8NMFRFC | 16-16-16-39 | - | ● | ● |
| KLEVV | IM44GU48A30-GIIHMC(XMP) | 4GB | SS | - | - | 16-18-18-36 | 1.35 | ● | ● |
| panram | PUD43000C154G4NJW(XMP) | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.35 | ● | ● |
| PATRIOT | PV432G300C6QK-PE000378(XMP) | 32GB (8x 4GB) | DS | - | - | 16-16-16-36 | 1.35 | ● | ● |
| Team | TCD44G3000C16ABK(XMP) | 4GB | SS | Samsung | K4A4G085WD | 16-16-16-36 | 1.35 | ● | ● |
| Team | TCD48G3000C16ABK(XMP) | 8GB(4x 8GB) | DS | Team | T4D5128HT-30 | 16-16-16-36 | 1.35 | ● | ● |

DDR4 2800 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|---------|----------------------------------|-----------------|-------|------------|----------|------------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U2800316G16(XMP) | 16GB | DS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| ADATA | AX4U2800W4G17(XMP) | 32GB (8x 4GB) | DS | - | - | 17-17-17-36 | 1.2 | ● | ● |
| ADATA | AX4U2800W8G17(XMP) | 8GB | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| Apacer | 78.BAGM8.AF20B(XMP) | 4GB | SS | - | - | 17-17-17-36 | - | ● | ● |
| Apacer | 78.CAGM8.AF30B(XMP) | 8GB | DS | - | - | 17-17-17-36 | - | ● | ● |
| AVEXIR | AVD4U28001504G-4CIR(XMP) | 4GB | SS | - | - | 15-15-15-35 | 1.35 | ● | ● |
| AVEXIR | AVD4U28001608G-4CIR(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2800C16(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-36 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4A2800C16(Ver5.29) | 16GB (4x 4GB) | SS | - | - | 16-18-18-36 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2800C15(Ver5.29)(XMP) | 32GB (4x 8GB) | DS | - | - | 2800-15-17-17-36 | 1.2 | ● | ● |
| CORSAIR | CMD32GX4M4A2800C16(Ver5.29)(XMP) | 32GB (4x 8GB) | DS | - | - | 18-18-18-36 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2800C16(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-16-18-36 | 1.2 | ● | ● |
| CORSAIR | CMK16GX4M4A2800C16(Ver5.29) | 16GB (4x 4GB) | SS | - | - | 16-18-18-36 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2800C16(Ver5.29)(XMP) | 32GB (4x 8GB) | DS | - | - | 16-18-18-36 | 1.2 | ● | ● |
| G.SKILL | F4-2800C15Q2-64GRK(XMP) | 64GB (8x 8GB) | DS | - | - | 15-16-16-35 | 1.25 | ● | ● |
| G.SKILL | F4-2800C16Q-16GRK(XMP) | 16GB (4x 4GB) | SS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| G.SKILL | F4-2800C16Q-16GRR(XMP) | 16GB (4x 4GB) | SS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| G.SKILL | F4-2800C16Q-32GRK(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| G.SKILL | F4-2800C16Q-32GRR(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-16-36 | 1.2 | ● | ● |
| GelL | GPR416GB2800C16QC(XMP) | 16GB (4x 4GB) | SS | - | - | 16-16-16-36 | 1.2 | ● | ● |

| | | | | | | | | | |
|-----------------|---------------------------------|-----------------|----|---|---|---------------|------|---|---|
| GelL | GPR432GB2800C16QC(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-16-36 | 1.2 | • | • |
| Kingston | HX428C14PBK4/16(XMP) | 16GB (4x 4GB) | SS | - | - | 14-15-15-40-2 | 1.35 | • | • |
| Kingston | HX428C14PBK8/64(XMP) | 64GB (8x 8GB) | DS | - | - | 14-15-15-39 | 1.35 | • | • |
| KLEVV | IMA451U6MFR8N-DG0(Ver1.05)(XMP) | 4GB | SS | - | - | 16-16-16-36 | 1.2 | • | • |
| Panram | PUD42800C164G4NJW(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-36 | 1.25 | • | |

DDR4 2666 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|-----------------|------------------------------------|------------------|-------|------------|----------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| AVEXIR | AVD4U26661504G-4CIR(XMP) | 4GB | SS | - | - | 15-15-15-35 | 1.2 | | • |
| AVEXIR | AVD4U26661608G-4CIR(XMP) | 32GB (8x 4GB) | DS | - | - | 16-16-16-36 | 1.2 | • | • |
| CORSAIR | CMD128GX4M8A2666C15(Ver4.31)(XMP) | 128GB (8x 16GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD16GX4M2A2666C15(Ver4.23)(XMP) | 16GB (2x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | |
| CORSAIR | CMD16GX4M4A2666C15(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD16GX4M4A2666C16(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMD16GX4M4A2666C16(Ver5.29)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2666C15(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2666C15(Ver5.29) | 32GB (4x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2666C16(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMD64GX4M8A2666C15(Ver4.23)(XMP) | 64GB (8x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMD8GX4M2A2666C15(Ver4.23)(XMP) | 8GB (2x 4GB) | DS | - | - | 15-17-17-35 | 1.2 | • | |
| CORSAIR | CMK16GX4M2A2666C16(Ver5.29)(XMP) | 16GB (2x 8GB) | DS | - | - | 16-18-18-35 | 1.2 | • | |
| CORSAIR | CMK16GX4M4A2666C15(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M4A2666C15(Ver5.29) | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M4A2666C16(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M4A2666C16(Ver5.29)(XMP) | 16GB (4x 4GB) | SS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M2A2666C16(Ver4.31)(XMP) | 32GB (2x 16GB) | DS | - | - | 16-18-18-35 | 1.2 | • | |
| CORSAIR | CMK32GX4M4A2666C15(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M4A2666C15(Ver5.29)(XMP) | 32GB (4x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M4A2666C16(Ver5.29)(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-18-35 | 1.2 | • | • |
| CORSAIR | CMK32GX4M4A2666C16R(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMK64GX4M4A2666C16(Ver4.31)(XMP) | 64GB (4x 16GB) | DS | - | - | 16-18-18-35 | 1.2 | • | • |
| CORSAIR | CMK16GX4M2A2666C16 | 16GB (8GB*2) | DS | - | - | 16-18-18-35 | 1.2 | • | |
| CORSAIR | CMD8GX4M2A2666C15 | 8GB (4GB*2) | SS | - | - | 15-17-17-35 | 1.2 | • | |
| CORSAIR | CMK32GX4M2A2666C16 | 32GB (16GB*2) | DS | - | - | 16-18-18-35 | 1.2 | • | |
| CORSAIR | CMD16GX4M2A2666C15 | 16GB (8GB*2) | DS | - | - | 15-17-17-35 | 1.2 | • | |
| Crucial | BLE4G4D26AFEA.8FAD (XMP) | 8GB | SS | - | - | 16-17-17-36 | 1.2 | • | • |
| Crucial | BLE8G4D26AFEA.16FAD(XMP) | 16GB | DS | - | - | 16-17-17-36 | 1.2 | • | • |
| Crucial | BLT4G4D26AFTA.8FADG(XMP) | 4GB | SS | - | - | 16-17-17-36 | 1.2 | • | • |
| Crucial | BLT8G4D26AFTA.16FAD(XMP) | 8GB | DS | - | - | 16-17-17-36 | 1.2 | • | • |
| G.SKILL | F4-2666C15Q-16GRR(XMP) | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2666C15Q-32GRR(XMP) | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2666C16Q2-64GRB(XMP) | 64GB (8x 8GB) | DS | - | - | 16-16-16-36 | 1.2 | • | • |
| Kingston | HX426C15FBK2/16 | 16GB (2x 8GB) | DS | - | - | 15-15-17-35 | 1.2 | • | |
| Kingston | HX426C15FBK4/16 | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | • | • |
| Kingston | HX426C15FBK4/32 | 32GB (4x 8GB) | DS | - | - | 15-15-17-35 | 1.2 | • | • |
| Kingston | HX426C15FBK2/8 | 8GB (2x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | • | |
| Kingston | HX426C15FBK4/16 | 16GB (4x 4GB) | SS | - | - | 15-17-17-35 | 1.2 | | • |
| Kingston | HX426C15FBK2/16 | 16GB (2x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | • | |
| Kingston | HX426C15FBK4/32 | 32GB (4x 8GB) | DS | - | - | 15-17-17-35 | 1.2 | | • |
| KLEVV | KM4C4GX4N-2666-15-15-15-35-0 (XMP) | 4GB | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| KLEVV | KM4C4GX4N-2666-15-15-15-35-1 (XMP) | 4GB | SS | - | - | 15-15-15-35 | 1.2 | • | • |

| | | | | | | | | | |
|--------------|------------------------------------|--------------|----|---------|------------------|-------------|-----|---|---|
| KLEVV | KM4C8GX4N-2666-15-15-15-35-0 (XMP) | 8GB | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| KLEVV | KM4C8GX4N-2666-15-15-15-35-1(XMP) | 8GB | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| Team | TCD44G2666C15ABK(XMP) | 4GB | SS | Samsung | K4A4G085WD | 15-15-15-35 | 1.2 | • | • |
| Team | TCD48G2666C15ABK(XMP) | 32GB(4x 8GB) | DS | Team | TCD48G2666C15ABK | 15-15-15-35 | 1.2 | • | • |

DDR4 2400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|-----------------|----------------------------------|-------------------|-------|------------|-----------------|-------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AX4U2400W4G16-QRZ(XMP) | 32GB (4x 8GB) | SS | - | - | 16-16-16-39 | 1.2 | • | • |
| ADATA | AX4U2400W8G16-QRZ(XMP) | 32GB (4x 8GB) | DS | - | - | 16-16-16-39 | 1.2 | • | • |
| Apacer | 78.B1GMS.4050B | 4GB | SS | Samsung | K4A4G085WD | 17-17-17-39 | - | • | • |
| Apacer | 78.C1GMS.4010B | 8GB | DS | Samsung | K4A4G085WD | 17-17-17-39 | - | • | • |
| AVEXIR | AVD4U24001604G-4CIR(XMP) | 4GB | SS | - | - | 16-16-16-36 | 1.2 | • | • |
| AVEXIR | AVD4U24001608G-4M | 32GB (4x 8GB) | DS | SK Hynix | H5AN4G8NMFRFTFC | 16-16-16-39 | 1.2 | • | • |
| AVEXIR | AVD4U24001608G-4M(XMP) | 32GB (8x 4GB) | DS | SK Hynix | H5AN4G8NMFRFTFC | 16-16-16-36 | 1.2 | • | • |
| CORSAIR | CMD16GX4M4A2400C14(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMD32GX4M4A2400C14(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK16GX4M4A2400C14(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK32GX4M4A2400C14(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 14-16-16-31 | 1.2 | • | • |
| CORSAIR | CMK64GX4M4A2400C14(Ver4.31)(XMP) | 64GB (4x 16GB) | DS | - | - | 14-16-16-31 | 1.2 | • | • |
| Crucial | BLS4G4D240FSA.8FAD | 4GB | SS | - | - | 16-16-16-40 | 1.2 | • | • |
| crucial | BLS4G4D240FSA.8FAR(XMP) | 4GB | SS | - | - | 16-16-16-40 | 1.2 | • | • |
| Crucial | BLS8G4D240FSA.16FAD | 8GB | DS | - | - | 16-16-16-40 | 1.2 | • | • |
| crucial | BLS8G4D240FSA.16FAR(XMP) | 8GB | DS | - | - | 16-16-16-40 | 1.2 | • | • |
| Foxteonn | FEU8GN51208KC2400H | 8GB | DS | Nanya | NT5AD512M8B1-FM | 17-17-17-39 | - | • | • |
| G.SKILL | F4-2400C15Q-16GRR | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q2-128GRK(XMP) | 128GB (8x 16GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| G.SKILL | F4-2400C15Q-32GRR | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| GelL | GLR464GB2400C14QC(XMP) | 16GB (4x 4GB) | DS | - | - | 14-14-14-35 | 1.2 | • | • |
| GelL | GPR416GB2400C15QC(XMP) | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| GelL | GPR432GB2400C15QC(XMP) | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| Kingston | HX424C12PB2K4/16 | 16GB (4x 4GB) | SS | - | - | 12-13-13-35 | 1.2 | • | • |
| Kingston | HX424C15FBK4/32 | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| Kingston | HX424C15FBK4/32 | 32GB (4x 8GB) | DS | - | - | 15-15-15-37 | 1.2 | • | • |
| Kingston | HX424C15FBK2/8 | 8GB (2x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| Kingston | HX424C15FBK4/16 | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| Kingston | HX424C15FBK2/16 | 16GB (2x 8GB) | DS | - | - | 15-15-15-36 | 1.2 | • | • |
| Kingston | HX424C15FBK4/32 | 32GB (4x 8GB) | DS | - | - | 15-15-15-37 | 1.2 | • | • |
| Panram | PUD42400C154G4NJW | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | • | • |
| Panram | PUD42400C158G4NJW | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | 1.2 | • | • |
| Team | TED44GM2400C16BK | 4GB | SS | Samsung | K4A4G085WD | 16-16-16-39 | 1.2 | • | • |
| Team | TED48GM2400C16BK | 8GB | DS | Samsung | K4A4G085WD | 16-16-16-39 | 1.2 | • | • |
| V-color | TD4G8C17-UH | 4GB | SS | V-color | DW3J0460HM | 15-15-15-36 | 1.2 | • | • |
| V-color | TD8G16C17-UH | 8GB | DS | V-color | A4G8H-24CS | 17-17-17-39 | 1.2 | • | • |

DDR4 2133 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | |
|--------------------------|----------------------------------|-----------------|-------|------------|-----------------|------------------|---------|--------------------------------|--------|
| | | | | | | | | 2 DIMM | 4 DIMM |
| ADATA | AD4U2133W4G15-B | 4GB | SS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | - | ● | ● |
| ADATA | AD4U2133W8G15 | 8GB | DS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| Apacer | 78.B1GM3.AF00B | 4GB | SS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| Apacer | 78.C1GM3.AF10B | 8GB | DS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| AVEXIR | AVD4U21331504G-4M | 4GB | SS | AVEXIR | 512X8DDR4 | 15-15-15-35 | 1.2 | ● | ● |
| CENTURY MICRO INC | CD8G-D4U2133 | 8GB | DS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | - | ● | ● |
| CENTURY MICRO INC | CK8GX4-D4U2133 | 32GB(4x8GB) | DS | SK hynix | H5AN4G8NMFRTFC | 15-15-15-35 | 1.2 | ● | ● |
| CORSAIR | CMD16GX4M4B2133C10(Ver3.20) | 16GB (4x 4GB) | SS | - | - | 10-12-12-31 | 1.35 | ● | ● |
| CORSAIR | CMK16GX4M4A2133C13(Ver4.23)(XMP) | 16GB (4x 4GB) | SS | - | - | 13-15-15-28 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2133C13(Ver4.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 13-15-15-28 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2133C15(Ver3.20) | 32GB (4x 8GB) | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M4A2133C15(Ver5.29) | 32GB (4x 8GB) | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK64GX4M8A2133C13(Ver4.23)(XMP) | 64GB (8x 8GB) | DS | - | - | 13-15-15-28 | 1.2 | ● | ● |
| CORSAIR | CMV4GX4M1A2133C15 | 4GB | SS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMV8GX4M1A2133C15 | 8GB | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMV16GX4M1A2133C15 | 16GB | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| CORSAIR | CMK32GX4M2A2133C13 | 32GB (16GB*2) | DS | - | - | 13-15-15-28 | 1.2 | ● | ● |
| Crucial | CT4G4DFS8213.8FA1 | 4GB | SS | Micron | D9RGQ | 15-15-15-37 | 1.2 | ● | ● |
| Crucial | CT4G4DFS8213.8FA2 | 4GB | SS | Micron | D9RGQ | 2133-15-15-15-36 | 1.2 | ● | ● |
| Crucial | CT8G4DFD8213.16FA1 | 8GB | DS | Micron | D9RGQ | 15-15-15-37 | 1.2 | ● | ● |
| Crucial | CT8G4DFD8213.16FA2 | 8GB | DS | Micron | D9RGQ | 2133-15-15-15-36 | 1.2 | ● | ● |
| Crucial | CT8G4DFD8213.C16FAR11 | 8GB | DS | Micron | C9BDH | 15-15-15-36 | 1.2 | ● | ● |
| Foxteonn | FEU4GN51208JC2133F | 4GB | SS | Nanya | NT5AD512M8B1-FM | 15-15-15-36 | - | ● | ● |
| G.SKILL | F4-2133C15Q-16GRR | 16GB (4x 4GB) | SS | - | - | 15-15-15-35 | 1.2 | ● | ● |
| G.SKILL | F4-2133C15Q-32GRR | 32GB (4x 8GB) | DS | - | - | 15-15-15-35 | - | ● | ● |
| GelL | GPR416GB2133C15QC | 16GB (4x4GB) | SS | - | - | 2133-15-15-15-36 | 1.2 | ● | ● |
| Kingston | KVR21N15D8/8 | 8GB | DS | SK hynix | H5AN4G8NMFRTFC | 15-15-15-37 | 1.2 | ● | ● |
| Kingston | KVR21N15S8/4 | 4GB | SS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-37 | 1.2 | ● | ● |
| Kingston | HX421C14FBK2/8 | 8GB (2x 4GB) | SS | - | - | 14-14-14-35 | 1.2 | ● | ● |
| Kingston | HX421C14FBK2/16 | 16GB (4x 4GB) | SS | - | - | 14-14-14-35 | 1.2 | ● | ● |
| Kingston | HX421C14FBK2/16 | 16GB (2x 8GB) | DS | - | - | 14-14-14-35 | 1.2 | ● | ● |
| Kingston | HX421C14FBK4/32 | 16GB (4x 4GB) | DS | - | - | 14-14-14-35 | 1.2 | ● | ● |
| KLEVV | KM4C4GX4N-2133-15-15-15-35-0 | 4GB | SS | - | - | 15-15-15-35 | 1.2 | ● | ● |
| KLEVV | KM4C4GX4N-2133-15-15-15-35-1 | 4GB | SS | - | - | 15-15-15-35 | 1.2 | ● | ● |
| KLEVV | KM4C8GX4N-2133-15-15-15-35-0 | 8GB | DS | - | - | 15-15-15-35 | 1.2 | ● | ● |
| KLEVV | KM4C8GX4N-2133-15-15-15-35-1 | 8GB | DS | - | - | 15-15-15-35 | 1.2 | ● | ● |
| Micron | MTA16ATF1G64AZ-2G1A2 | 8GB | DS | Micron | D9RG0 | 2133-15-15-15-36 | - | ● | ● |
| Micron | MTA8ATF51264AZ-2G1A2 | 4GB | SS | Micron | D9RG0 | 2133-15-15-15-36 | - | ● | ● |
| Panram | PUD42133C134G4NJW | 16GB (4x 4GB) | SS | - | - | 13-13-13-35 | 1.2 | ● | ● |
| Panram | PUD42133C138G4NJW | 32GB (4x 8GB) | DS | - | - | 13-13-13-35 | 1.2 | ● | ● |
| Panram | PUD42133C154G2VS | 8GB (2x 4GB) | SS | SK Hynix | H5AN4GBNMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| panram | PUD42133C154GNJK | 4GB | SS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| Panram | PUD42133C158G2VS | 16GB (2x 8GB) | DS | SK Hynix | H5AN4GBNMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| panram | PUD42133C158GNJK | 8GB | DS | - | - | 15-15-15-36 | 1.2 | ● | ● |
| Samsung | M378A1G43DB0-CPB | 8GB | DS | Samsung | K4A4G085WD | 15-15-15-36 | - | ● | ● |
| Samsung | M378A5143DB0-CPB | 4GB | SS | Samsung | K4A4G085WD | 15-15-15-36 | - | ● | ● |
| SanMax | SMD-4G28HP-21P | 4GB | SS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-37 | - | ● | ● |

| | | | | | | | | | |
|----------------------|------------------------|------|----|----------|----------------|-------------|-----|---|---|
| SanMax | SMD-8G28HP-21P | 8GB | DS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-37 | - | ● | ● |
| Silicon Power | SP004GBLFU213N01 | 4GB | SS | Samsung | K4A4G085WD | 15-15-15-37 | - | ● | ● |
| Silicon Power | SP008GBLFU213N01 | 8GB | DS | Samsung | K4A4G085WD | 15-15-15-37 | - | ● | ● |
| SK Hynix | HMA82GU6MFR8N-TF | 16GB | DS | SK Hynix | H5AN8G8NMFRTFC | 15-15-15-36 | - | ● | ● |
| SUPER TALENT | FBU2B008GM | 8GB | DS | Micron | D9RGQ | 15-15-15-36 | 1.2 | ● | ● |
| Team | TED44GM2133C15ABK | 4GB | SS | SK Hynix | H5AN4G8NMFRTFC | 15-15-15-36 | 1.2 | ● | ● |
| UMAX | 84G44G93MC-21OMCALGF15 | 4GB | SS | Micron | D9RGQ | 15-15-15-36 | - | ● | ● |
| UMAX | 84G48G93MC-21OMCGNGF15 | 8GB | DS | Micron | D9RGQ | 15-15-15-36 | - | ● | ● |

4 DIMM Slots

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

-When running XMP at DDR4 3200 MHz or higher, the system's stability depends on the CPU's capabilities.

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

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value

-Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.

-Highly recommended to use 4-DIMM/2-DIMM kit for full DIMM configuration. Full DIMM support is subject to the physical characteristics of individual CPUs or Memory.

-Memory module with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP Profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

-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.