

PRIME H310T R2.0

DDR4 2133 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage | DIMM socket support (Optional) | |
|----------|------------------------|------|-------|--------------|-------------|---------|--------------------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| APACER | AS08GGB13CDTBGC | 8GB | DS | N/A | 16-16-16-36 | 1.2 | • | • |
| KINGSTON | HX421S13IBK2/8 | 4GB | DS | SK HYNIX | 13-13-13-35 | 1.2 | • | • |
| CORSAIR | CMSO4GX4M1A2133C15 | 4GB | DS | SEC 504 BCPB | 15-15-15-36 | 1.2 | • | • |
| KINGBANK | M471A1K43BB0-CPB | 8GB | DS | Samsung | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M471A1K43BB0-CPB | 8GB | DS | Samsung | 15-15-15-36 | 1.2 | • | • |
| MUSHKIN | MES4S213FF4G18 | 4GB | DS | Samsung | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M471A2K43BB1-CPB | 16GB | DS | Samsung | 15-15-15-36 | 1.2 | • | • |
| HYNIX | HMA82GS6MFR8N-TF | 16GB | DS | SK HYNIX | 15-15-15-36 | 1.2 | • | • |
| HYNIX | HMA451S6AFR8N-TF NO AC | 4GB | DS | SK HYNIX | 15-15-15-36 | 1.2 | • | • |
| SAMSUNG | M471A5143EB0-CPB | 4GB | DS | Samsung | 16-18-18-43 | 1.2 | • | • |
| SAMSUNG | M471A1K43BB0-CPB | 8GB | DS | Samsung | 16-18-18-43 | 1.2 | • | • |
| HYNIX | HMA451S6AFR8N-TF | 4GB | DS | SK hynix | 15-15-15-36 | 1.2 | • | • |
| HYNIX | HMA41GS6AFR8N-TF | 8GB | DS | SK hynix | 15-15-15-36 | 1.2 | • | • |
| TEAM | TED44G2133C15-SBK | 4GB | DS | TEAM | 15-15-15-36 | 1.2 | • | • |
| TEAM | TED48G2133C15-SBK | 8GB | DS | TEAM | 15-15-15-36 | 1.2 | • | • |
| TEAM | TED416G2133C15-SBK | 16GB | DS | TEAM | 15-15-15-36 | 1.2 | • | • |
| AVANT | AVJ641GU67J5213N1-SAEP | 8GB | DS | SEC 549 | 15-15-15-36 | 1.2 | • | • |
| AVANT | AVJ6451U67J5213N0-SAEP | 4GB | DS | SEC 549 | 15-15-15-36 | 1.2 | • | • |
| AVANT | AVJ642GU42J5213N1-SAEP | 16GB | DS | SEC 549 | 15-15-15-36 | 1.2 | • | • |
| TEKISM | T4S2133B4G15-HY | 8GB | DS | SK HYNIX | 15-15-15-36 | 1.2 | • | • |
| Innodisk | M4DR-8GS1PC0G-B | 8GB | DS | SEC 707 | 15-15-15-36 | 1.2 | • | • |
| APACER | AS04GGB13CDWBGH | 4GB | DS | SK HYNIX | 15-15-15-36 | 1.2V | • | • |

DDR4 2400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage | DIMM socket support (Optional) | |
|----------|----------------------|------|-------|------------|-------------|---------|--------------------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| KINGSTON | HX424S14IBK2/8 | 4GB | DS | SK HYNIX | 15-14-14-35 | 1.2 | • | • |
| G.SKILL | F4-2400C16D-16GRS | 8GB | DS | Samsung | 16-16-16-39 | 1.2 | • | • |
| SAMSUNG | M471A5644EB0-CRC | 2GB | SS | Samsung | 17-17-17-39 | 1.2 | • | • |
| SAMSUNG | M471A5244BB0-CRC | 4GB | SS | Samsung | 17-17-17-39 | 1.2 | • | • |
| SAMSUNG | M471A5244CB0-CRC | 4GB | SS | Samsung | 17-17-17-39 | 1.2 | • | • |
| SAMSUNG | M471A1K43BB1-CRC | 8GB | DS | Samsung | 17-17-17-39 | 1.2 | • | • |
| SAMSUNG | M471A1K43CB1-CRC | 8GB | DS | Samsung | 17-17-17-39 | 1.2 | • | • |
| SAMSUNG | M471A2K43CB1-CRC | 16GB | DS | SEC 628 | 17-17-17-39 | 1.2 | • | • |
| HYNIX | HMA425S6AFR6N-UH | 2GB | SS | Hynix | 17-17-17-39 | 1.2 | • | • |
| HYNIX | HMA851S6AFR6N-UH | 4GB | SS | Hynix | 17-17-17-39 | 1.2 | • | • |
| HYNIX | HMA81GS6AFR8N-UH | 8GB | DS | SK hynix | 17-17-17-39 | 1.2 | • | • |
| MICRON | MTA8ATF1G64HZ-2G3B1 | 8GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| MICRON | MTA16ATF2G64HZ-2G3B1 | 16GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| MICRON | MTA4ATF51264HZ-2G3B1 | 4GB | SS | MICRON | 17-17-17-39 | 1.2 | • | • |
| TEAM | TED48G2400C16-SBK | 8GB | DS | TEAM | 16-16-16-39 | 1.2 | • | • |
| TEAM | TED416G2400C16-SBK | 16GB | DS | TEAM | 16-16-16-39 | 1.2 | • | • |
| KINGBANK | KB42400Y1803 | 8GB | DS | SAMSUNG | 17-17-17-39 | 1.2 | • | • |
| KINGBANK | KB42400Y1803 | 4GB | DS | SAMSUNG | 17-17-17-39 | 1.2 | • | • |
| APACER | AS04GGB24CEWBGH | 4GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| APACER | AS04GGB24CETBGH | 4GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| KINGSTON | CBD24D4S7S8MB-4 | 4GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| KINGSTON | CBD24D4S7S8MA-8 | 8GB | DS | MICRON | 17-17-17-39 | 1.2 | • | • |
| Innodisk | M4S0-4GSSNCSJ | 4GB | DS | Samsung | 17-17-17-39 | 1.2 | • | • |

DDR4 2666 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Timing | Voltage | DIMM socket support (Optional) | |
|---------|----------------------|------|-------|------------|-------------|---------|--------------------------------|--------|
| | | | | | | | 1 DIMM | 2 DIMM |
| G.SKILL | F4-2800C18D-16GRS | 8GB | DS | Samsung | 18-18-18-43 | 1.2 | • | • |
| G.SKILL | F4-2666C18D-8GRS | 4GB | DA | Samsung | 18-18-18-43 | 1.2 | • | • |
| CRUCIAL | BLS4G4S26BFSD.8FBR2 | 4GB | DS | Micron | 16-18-18-38 | 1.2 | • | • |
| CRUCIAL | BLS16G4S26BFSD.16FBD | 16GB | DS | Micron | 16-18-18-38 | 1.2 | • | • |
| CRUCIAL | BLS8G4S26BFSD.16FBR2 | 8GB | DS | Micron | 16-18-18-38 | 1.2 | • | • |

2 DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports 2 modules inserted into both the blue or black slots as two pairs of Dual-channel memory configuration

-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.

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

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