

Z87-DELUXE Memory Qualified Vendors List (QVL)

DDR3 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 | AVD3UH32001304G-4CI(XMP) | 16GB (4x 4GB) | SS | | | 13-14-14-36 | 1.65V | • | • |
| G.SKILL | F3-3200C12Q-16GTXDG(XMP) | 16GB (4x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |

DDR3 3100 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 | AVD3UH31001204G-4CI | 16GB (4x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |

DDR3 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 |
| AVEXIR | AVD3UH30001204G-4CI | 16GB (4x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-3000C12Q-16GTXDG | 16GB (4x 4GB) | SS | - | - | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-3000C12D-8GTXDG | 8GB (2 x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-3000C12Q-32GTXDG | 32GB (4 x 8GB) | DS | | | 12-14-14-35 | 1.65V | • | • |
| CORSAIR | CML8GX3M2A3000C12R | 8GB (2 x 4B) | SS | | | 12-14-14-36 | 1.65V | • | • |

DDR3 2933 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 | AVD3UH29331204G-4CI | 16GB (4x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |
| A_DATA | AX3U2933W4G12 | 16GB (4x 4GB) | SS | | | 12-14-14-36 | 1.65V | • | • |
| G.SKILL | F3-2933C12Q-8GTXDG | 8GB (2 x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2933C12Q-16GTXDG | 16GB (4 x 4GB) | SS | | | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2933C12D-16GTXDG | 16GB (2 x 8GB) | DS | | | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2933C12Q-32GTXDG | 32GB (4 x 8GB) | DS | | | 12-14-14-35 | 1.65V | • | • |
| CORSAIR | CMY16GX3M4A2933C12R PK1 | 16GB(4 x 4GB) | SS | | | 12-14-14-36 | 1.65V | • | • |

DDR3 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 |
| A_DATA | AX3U2800W4G12 | 16GB (4x 4GB) | SS | - | - | 12-14-14-36 | 1.65V | • | • |
| A_DATA | AX3U2800W8G12 | 32GB (4x 8GB) | DS | - | - | 12-14-14-36 | 1.65V | • | • |
| G.SKILL | F3-2800C12Q-32GTXD | 32GB (4x 8GB) | DS | - | - | 12-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2800C12Q-32GTXDG | 32GB (4x 8GB) | DS | - | - | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11Q-16GTXD | 16GB (4x 4GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11D-8GTXD | 8GB (2x 4GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11D-8GTXDG | 8GB (2x 4GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11Q-16GTXDG | 16GB (4x 4GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C10D-8GTXD | 8GB (2x 4GB) | DS | - | - | 10-12-12-35 | 1.65V | • | • |
| G.SKILL | F3-2800C12Q-16GTXDG | 16GB (4x 4GB) | DS | - | - | 12-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11D-16GTXDG | 16GB (2 x 8GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11Q-32GTXDG | 32GB (4 x 8GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11D-16GTXD | 16GB (2x 8GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2800C11Q-32GTXD | 32GB (4 x 8GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2800C12D-16GTXD | 16GB (2 x 8GB) | DS | - | - | 12-14-14-35 | 1.65V | • | • |
| APACER | 78.BAGH5.AFD0C | 8GB (2x 4GB) | DS | - | - | 12-14-14-35 | 1.65V | • | • |
| APACER | 78.CAGH6.AFD0C | 16GB (2x 8GB) | DS | - | - | 12-14-14-35 | 1.65V | • | • |
| CORSAIR | CMD16GX3M4A2800C11 | 16GB (4x 4GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |
| CORSAIR | CMD16GX3M4A2800C12 | 16GB (4x 4GB) | DS | - | - | 12-14-14-36 | 1.65V | • | • |
| Team | TXD38G2800HC12DBK | 32GB (4 x 8GB) | DS | - | - | 11-14-14-35 | 1.65V | • | • |

DDR3 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 |
| APACER | 78.BAGFF.AFC0C | 16GB (4x 4GB) | SS | - | - | 12-13-13-35 | 1.65V | • | • |
| APACER | 78.CAGFF.AFD0C | 32GB (4x 8GB) | DS | - | - | 12-13-13-35 | 1.65V | • | • |
| CORSAIR | CMD16GX3M4A2666C11 | 16GB (4x 4GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2666C11Q-16GTXD(XMP) | 16GB (4x 4GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| G.SKILL | F3-2666C10Q-16GTXD(XMP) | 16GB (4x 4GB) | DS | - | - | 10-12-12-31 | 1.65V | • | • |
| GEIL | GOC332GB2666C11QC(XMP) | 32GB (4x 8GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |
| TEAM | TXD34G2666HC11CBK | 8GB (2x 4GB) | SS | - | - | 11-13-13-35 | 1.65V | • | • |
| TEAM | TXD38G2666HC11CBK | 16GB (2x 8GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |

DDR3 2600 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 | AX3U2600GW8G11-DG2 | 16GB (2x 8GB) | DS | - | - | 11-13-13-35 | 1.65V | • | • |

DDR3 2500 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------|---------------------------|-----------------|-------|------------|----------|-------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| G.SKILL | F3-2000CL10Q-16GBZHD(XMP) | 16GB (4x 4GB) | DS | - | - | 10-11-11-31 | 1.65 | • | • | • |

DDR3 2400 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|----------|-----------------------------------|-----------------|-------|------------|----------|------------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| A-DATA | AX3U2400GC4G10(XMP) | 4GB | DS | - | - | 10-12-12-31 | 1.65 | • | • | • |
| Apacer | 78.BAGFL.AFD0C(XMP) | 8GB (2x 4GB) | DS | - | - | 11-12-12-30 | - | • | • | • |
| Apacer | 783BAGF3.AFD0C(XMP) | 8GB (2x 4GB) | DS | - | - | 11-11-11-30 | - | • | • | • |
| CORSAIR | CMZ16GX3M2A2400C10 (Ver4.21) | 16GB (2x 8GB) | DS | - | - | 10-12-12-31 | 1.65 | • | • | • |
| CORSAIR | CMZ16GX3M4A2400C9R (Ver4.13)(XMP) | 16GB (4x 4GB) | DS | - | - | 2400 9-11-11-31 | 1.65 | • | • | • |
| G.SKILL | F3-19200CL10Q-32GBZHD(XMP) | 32GB (4x 8GB) | DS | - | - | 10-12-12-31 | 1.65 | • | • | • |
| G.SKILL | F3-19200CL11Q-16GBZHD(XMP) | 16GB (4x 4GB) | DS | - | - | 11-11-11-31 | 1.65 | • | • | • |
| G.SKILL | F3-19200CL11Q-16GBZHD(XMP) | 16GB (4x 4GB) | DS | - | - | 11-11-11-31 | 1.65 | • | • | • |
| G.SKILL | F3-19200CL9D-4GBPIS(XMP) | 4G (2x 2G) | DS | - | - | 9-11-9-28 | 1.65 | • | • | • |
| G.SKILL | F3-19200CL9Q-16GBZMD(XMP) | 16GB (4x 4GB) | DS | - | - | 9-11-11-31 | 1.65 | • | • | • |
| GEIL | GET34GB2400C9DC(XMP) | 4GB (2x 2GB) | DS | - | - | 9-11-9-27 | 1.65 | • | • | • |
| GEIL | GOC316GB2400C10QC(XMP) | 16GB (4x 4GB) | DS | - | - | 10-11-11-30 | 1.65 | • | • | • |
| GEIL | GOC316GB2400C11QC(XMP) | 16GB (4x 4GB) | DS | - | - | 11-11-11-30 | 1.65 | • | • | • |
| Kingston | KHX2400C11D3K4/8GX(XMP) | 8GB (4x 2GB) | SS | - | - | 11-13-11-30 | 1.65 | • | • | • |
| KINGSTON | KHX24C11K4/16X(XMP) | 16GB (4x 4GB) | DS | - | - | 11-13-13-30 | 1.65 | • | • | • |
| KINGSTON | KHX24C11T2K2/8X(XMP) | 8GB (2x 4GB) | DS | - | - | - | 1.65 | • | • | • |
| KINGSTON | KHX24C11T3K4/32X(XMP) | 32GB (4x 8GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| Patriot | PVV34G2400C9K(XMP) | 4GB (2x 2GB) | DS | - | - | 9-11-9-27 | 1.66 | • | • | • |
| Patriot | PXD38G2400C11K(XMP) | 8GB (2x 4GB) | DS | - | - | 11-11-11-30 | 1.65 | • | • | • |
| Patriot | PXD38G2400C11K(XMP) | 8GB (2x 4GB) | DS | - | - | 2400 11-11-11-30 | 1.65 | • | • | • |
| Team | TXD38G2400HC10QBK(XMP) | 8GB | DS | - | - | 10-12-12-31 | 1.65 | • | • | • |

DDR3 2200 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------|--------------------------|--------------|-------|------------|----------|------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| G.SKILL | F3-17600CL7D-4GBFLS(XMP) | 4G (2x 2G) | DS | - | - | 7-10-10-28 | 1.65 | • | • | • |
| GEIL | GET34GB2200C9ADC(XMP) | 4GB (2x 2GB) | DS | - | - | 9-10-9-28 | 1.65 | • | • | • |
| GEIL | GET38GB2200C9ADC(XMP) | 8GB (2x 4GB) | DS | - | - | 9-11-9-28 | 1.65 | • | • | • |

DDR3 2133 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|----------|--------------------------------|---------------|-------|------------|----------|------------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| A-DATA | AX3U2133XC4G10(XMP) | 4GB | DS | - | - | 10-11-11-30 | 1.65 | • | • | • |
| A-DATA | AX3U2133XW8G10(XMP) | 8GB | DS | - | - | 10-11-11-30 | 1.65 | • | • | • |
| Apacer | 78.BAGE4.AFD0C(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-9-24 | - | • | • | • |
| Apacer | AHU04GFB33CAQ3R(XMP) | 4GB | DS | - | - | 11-13-13-31 | - | • | • | • |
| CORSAIR | CMD8GX3M2A2133C9 (Ver1.5)(XMP) | 8GB (2x 4GB) | DS | - | - | 9-11-10-27 | 1.5 | • | • | • |
| CORSAIR | CMT4GX3M2B2133C9(Ver7.1)(XMP) | 4GB (2x 2GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMT4GX3M2B2133C9(XMP) | 4GB (2x 2GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| G.SKILL | F3-17000CL11Q2-64GBZLD(XMP) | 64GB (8x 8GB) | DS | - | - | 11-11-11-30 | 1.5 | • | • | • |
| G.SKILL | F3-17000CL9Q-16GBXLD(XMP) | 16GB (4x 4GB) | DS | - | - | 9-11-9-28 | 1.65 | • | • | • |
| G.SKILL | F3-17000CL9Q-16GBZHD(XMP) | 16GB (4x 4GB) | DS | - | - | 9-11-10-28 | 1.65 | • | • | • |
| G.SKILL | F3-17066CL9D-8GBPID(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| G.SKILL | F3-17066CL9Q-16GBTDD(XMP) | 16GB (4x 4GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| G.SKILL | F3-2133C11Q-32GZL(XMP) | 32GB (4x 8GB) | DS | - | - | 11-11-11-31 | 1.5 | • | • | • |
| KINGSTON | KHX2133C11D3K4/16GX(XMP) | 16GB (4x 4GB) | DS | - | - | 11-12-11-30 | 1.65 | • | • | • |
| KINGSTON | KHX2133C11D3T1K2/16GX(XMP) | 16GB (2x 8GB) | DS | - | - | 9-9-9-24 | 1.6 | • | • | • |
| KINGSTON | KHX21C11T3FK8/64X(XMP) | 64GB (8x 8GB) | DS | - | - | 9-9-9-24 | 1.5 | • | • | • |
| OCZ | OCZ3XTEP2133C9L4GK | 2GB | DS | - | - | 7-7-7-20 | 1.65 | • | • | • |
| Patriot | PV316G213C1K(XMP) | 16GB (2x 8GB) | DS | - | - | 11-11-11-30 | 1.5 | • | • | • |
| Patriot | PVV34G2133C9K(XMP) | 4GB (2x 2GB) | DS | - | - | 9-11-9-27 | 1.66 | • | • | • |
| Patriot | PXD38G2133C11K(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| Patriot | PXD38G2133C11K(XMP) | 8GB (2x 4GB) | DS | - | - | 2133 11-11-11-27 | 1.5 | • | • | • |
| Team | TLD38G2133HC11ABK(XMP) | 8GB | DS | - | - | 11-11-11-31 | 1.65 | • | • | • |
| Team | TXD34096M2133HC11A-V(XMP) | 4GB | DS | - | - | 11-11-11-31 | 1.65 | • | • | • |

DDR3 2000 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------------|-------------------------|---------------|-------|------------|----------------|-----------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| AEXEA | AXA3ES2G2000L628V(XMP) | 2GB | DS | - | - | - | 1.65 | • | • | • |
| AEXEA | AXA3ES4GK2000L628V(XMP) | 4GB (2x 2GB) | DS | - | - | - | 1.65 | • | • | • |
| Apacer | 78.AAGD5.9KD(XMP) | 6GB (3x 2GB) | DS | - | - | 9-9-9-27 | - | • | • | • |
| Asint | SLA302G08-ML2HB(XMP) | 4GB | DS | Hynix | H5TQ2G83BFRH9C | 9-9-9-27 | - | • | • | • |
| G.SKILL | F3-16000CL9D-4GBTD(XMP) | 4GB (2x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| GEIL | GUP34GB2000C9ADC(XMP) | 4GB (2x 2GB) | DS | - | - | 9-9-9-28 | 1.65 | • | • | • |
| Patriot | PV736G2000ELK(XMP) | 6GB (3x 2GB) | DS | - | - | 7-7-7-20 | 1.65 | • | • | • |
| Patriot | PVT36G2000LLK(XMP) | 6GB (3x 2GB) | DS | - | - | 8-8-8-24 | 1.65 | • | • | • |
| Patriot | PX7312G2000ELK(XMP) | 12GB (3x 4GB) | DS | - | - | 9-11-9-27 | 1.65 | • | • | • |
| Silicon Power | SP002GBLYU200S02(XMP) | 2GB | DS | - | - | - | - | • | • | • |
| Team | TXD32048M2000C9(XMP) | 2GB | DS | Team | T3D1288RT-20 | 9-9-9-24 | 1.5 | • | • | • |
| Team | TXD32048M2000C9-L(XMP) | 2GB | DS | Team | T3D1288LT-20 | 9-9-9-24 | 1.5 | • | • | • |
| Team | TXD32048M2000C9-L(XMP) | 2GB | DS | Team | T3D1288RT-20 | 9-9-9-24 | 1.6 | • | • | • |

DDR3 1866 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|----------|-----------------------------------|---------------|-------|------------|----------|----------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| CORSAIR | CMD16GX3M2A1866C9 (Ver5.29)(XMP) | 16GB (2x 8GB) | DS | - | - | 1866 9-9-9-27 | 1.5 | • | • | • |
| CORSAIR | CMD16GX3M4A1866C9 (Ver4.13)(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMD16GX3M4A1866C9 (Ver8.16)(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMD8GX3M2A1866C9 (Ver4.13)(XMP) | 8GB (2x 4GB) | DS | - | - | - | 1.5 | • | • | • |
| CORSAIR | CMD8GX3M2A1866C9 (Ver5.12)(XMP) | 8GB (2x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMD8GX3M2A1866C9 (Ver8.16)(XMP) | 8GB (2x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMT32GX3M4X1866C9(Ver3.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMZ16GX3M4X1866C9R (Ver8.16)(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMZ16GX3M4X1866C9R(Ver 8.16)(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMZ32GX3M4X1866C10 (Ver3.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 10-11-10-27 | 1.5 | • | • | • |
| CORSAIR | CMZ32GX3M4X1866C10(Ver3.23)(XMP) | 32GB (4x 8GB) | DS | - | - | 10-11-10-27 | 1.5 | • | • | • |
| CORSAIR | CMZ8GX3M2A1866C9 (Ver8.16)(XMP) | 8GB (2x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMZ8GX3M2A1866C9(XMP) | 8GB (2x 4GB) | DS | - | - | 9-10-9-27 | 1.5 | • | • | • |
| CORSAIR | CMZ8GX3M2A1866C9G (Ver5.12)(XMP) | 8GB (2x 4GB) | DS | - | - | 1866 9-10-9-27 | 1.5 | • | • | • |
| Crucial | BLE4G3D1869DE1XT0.16FMD(XMP) | 4GB | DS | - | - | 9-9-9-27 | 1.5 | • | • | • |
| G.SKILL | F3-14900CL10Q2-64GBZLD(XMP) | 64GB (8x 8GB) | DS | - | - | 10-11-10-30 | 1.5 | • | • | • |
| G.SKILL | F3-14900CL9D-8GBSR(XMP) | 8GB (2x 4GB) | DS | - | - | 9-10-9-28 | 1.5 | • | • | • |
| G.SKILL | F3-14900CL9Q-16GBXL(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-28 | 1.5 | • | • | • |
| G.SKILL | F3-14900CL9Q-16GBZL(XMP) | 16GB (4x 4GB) | DS | - | - | 9-10-9-28 | 1.5 | • | • | • |
| G.SKILL | F3-14900CL9Q-8GBFLD(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-9-24 | 1.6 | • | • | • |
| G.SKILL | F3-1866C9Q-32GX(XMP) | 32GB (4x 8GB) | DS | - | - | 9-10-9-28 | 1.5 | • | • | • |
| KINGSTON | KHX1866C9D3K2/8GX(XMP) | 8GB (2x 4GB) | DS | - | - | - | 1.65 | • | • | • |
| Patriot | PXD34G1866ELK(XMP) | 4GB (2x 2GB) | SS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| Patriot | PXD38G1866ELK(XMP) | 8GB (2x 4GB) | DS | - | - | 9-11-9-27 | 1.65 | • | • | • |
| Patriot | PXD38G1866ELK(XMP) | 8GB (2x 4GB) | DS | - | - | 9-11-9-27 | 1.65 | • | • | • |
| Patriot | PXD38G1866ELK(XMP) | 8GB (2x 4GB) | DS | - | - | 1866 9-10-9-27 | 1.5 | • | • | • |
| Team | TLD34G1866HC9KBK(XMP) | 4GB | DS | - | - | 9-11-9-27 | 1.5 | • | • | • |
| Team | TLD38G1866HC10SBK(XMP) | 8GB | DS | - | - | 10-11-10-30 | 1.5 | • | • | • |

DDR3 1800 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------|-------------------------|--------------|-------|------------|----------|----------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| G.SKILL | F3-14400CL9D-4GBRL(XMP) | 4GB (2x 2GB) | DS | - | - | 9-9-9-24 | 1.6 | • | • | • |

DDR3 1600 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------|-------------------|--------------|-------|------------|--------------|-------------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| A-DATA | AD3U1600C2G11 | 2GB | SS | MICRON | D9PFJ | 11-11-11-28 | - | • | • | • |
| A-DATA | AD3U1600C4G11 | 4GB | DS | MICRON | D9PFJ | 11-11-11-28 | - | • | • | • |
| A-DATA | AD3U1600W4G11 | 4GB | SS | A-DATA | 3WCD-1211A | 11-11-11-28 | - | • | • | • |
| A-DATA | AD3U1600W8G11 | 8GB | SS | A-DATA | 3WCD-1211A | 11-11-11-28 | - | • | • | • |
| AMD | AE32G1609U1-U | 2GB | SS | AMD | 23EY4587MB6H | - | 1.5 | • | • | • |
| AMD | AE34G1609U2-U | 4GB | DS | AMD | 23EY4587MB6H | - | 1.5 | • | • | • |
| AMD | AP38G1608U2K(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-9-28 | 1.65 | • | • | • |

| | | | | | | | | | | |
|---------------|------------------------------------|---------------|----|---------|----------------|-------------|-------------------|------|---|---|
| Apacer | 78.B1GE3.9L10C | 4GB | DS | Apacer | AM5D5908DEQSK | - | 1.65 | • | • | • |
| Apacer | 78.B1GET.9K00C | 4GB | SS | Apacer | AM5D6008BQQSK | 11-11-11-28 | - | • | • | • |
| Apacer | 78.C1GET.9K10C | 8GB | DS | Apacer | AM5D6008BQQSK | 11-11-11-31 | - | • | • | • |
| Apacer | AHU04GFA60C9Q1D(XMP) | 4GB | DS | - | - | - | 9-9-9-27 | 1.65 | • | • |
| Apacer | AHU04GFA60C9Q3R(XMP) | 4GB | DS | - | - | - | 11-11-11-28 | - | • | • |
| Apacer | AHU08GFA60CBT3R(XMP) | 8GB | DS | - | - | - | 9-9-9-24 | - | • | • |
| Asint | SLA302G08-EGG1C(XMP) | 4GB | DS | Asint | 302G08-GG1C | - | 9-9-9-27 | - | • | • |
| Asint | SLA302G08-EJ1C(XMP) | 4GB | DS | Asint | 302G08-GJ1C | - | 9-9-9-27 | - | • | • |
| Asint | SLA302G08-EGN1C | 4GB | DS | ASint | 302G08-GN1C | - | - | - | • | • |
| Asint | SLB304G08-EGN1B | 8GB | DS | ASint | 304G08-GN1B | - | - | - | • | • |
| Asint | SLZ302G08-EGN1C | 2GB | SS | ASint | 302G08-GN1C | - | - | - | • | • |
| Asint | SLZ3128M8-EJ1D(XMP) | 2GB | DS | Asint | 3128M8-GJ1D | - | - | - | • | • |
| ATP | AQ12M648B8K0S | 4GB | DS | SAMSUNG | K4B2G08460 | - | - | NO | • | • |
| CORSAIR | CMD16GX3M2A1600C9 (Ver8.21)(XMP) | 16GB (2x 8GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| CORSAIR | CMD8GX3M2A1600C8 (Ver5.12)(XMP) | 8GB (2x 4GB) | DS | - | - | - | 1600 8-8-8-24 | 1.5 | • | • |
| CORSAIR | CMD8GX3M2A1600C9 (Ver2.12)(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| CORSAIR | CMG4GX3M2A1600C6 | 4GB (2x 2GB) | DS | - | - | - | 6-6-6-18 | 1.65 | • | • |
| CORSAIR | CML16GX3M4X1600C8(Ver 2.12)(XMP) | 16GB (4x 4GB) | DS | - | - | - | Heat-Sink Package | 1.5 | • | • |
| CORSAIR | CMP6GX3M3A1600C8(XMP) | 6GB (3x 2GB) | DS | - | - | - | 8-8-8-24 | 1.65 | • | • |
| CORSAIR | CMP6GX3M3A1600C8(XMP) | 6GB (3x 2GB) | DS | - | - | - | 8-8-8-24 | 1.65 | • | • |
| CORSAIR | CMX6GX3M3A1600C9(XMP) | 6GB (3x 2GB) | DS | - | - | - | 9-9-9-24 | 1.65 | • | • |
| CORSAIR | CMX6GX3M3C1600C7(XMP) | 6GB (3x 2GB) | DS | - | - | - | 7-8-7-20 | 1.65 | • | • |
| CORSAIR | CMX8GX3M2A1600C9 (Ver3.19)(XMP) | 8GB (2x 4GB) | SS | - | - | - | 9-9-9-24 | 1.65 | • | • |
| CORSAIR | CMZ16GX3M2A1600C10 (Ver.3.24)(XMP) | 16GB (2x 8GB) | DS | - | - | - | 10-10-10-27 | 1.5 | • | • |
| CORSAIR | CMZ16GX3M4A1600C9(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| CORSAIR | CMZ32GX3M4X1600C10 (Ver2.2)(XMP) | 32GB (4x 8GB) | DS | - | - | - | 10-10-10-27 | 1.5 | • | • |
| CORSAIR | CMZ8GX3M1A1600C10 (Ver3.23)(XMP) | 8GB | DS | - | - | - | 10-10-10-27 | 1.5 | • | • |
| CORSAIR | CMZ8GX3M2A1600C8(XMP) | 8GB (2x 4GB) | DS | - | - | - | 8-8-8-24 | 1.5 | • | • |
| CORSAIR | CMZ8GX3M2A1600C9(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| CORSAIR | CMZ8GX3M4X1600C9(Ver 2.12)(XMP) | 8GB (4x 2GB) | SS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| CORSAIR | HX3X12G1600C9(XMP) | 12GB (6x 2GB) | DS | - | - | - | 9-9-9-24 | 1.6 | • | • |
| Crucial | BL12864BN1608.8FF(XMP) | 2GB (2x 1GB) | SS | - | - | - | 8-8-8-24 | 1.65 | • | • |
| Crucial | BL25664BN1608.16FF(XMP) | 4GB (2x 2GB) | DS | - | - | - | 8-8-8-24 | 1.65 | • | • |
| Crucial | BLT4G3D1608DT1TX0.16FM(XMP) | 4GB | DS | - | - | - | 8-8-8-24 | 1.5 | • | • |
| EK Memory | EKM324L28BP8-116(XMP) | 4GB (2x 2GB) | DS | - | - | - | 9 | - | • | • |
| EK Memory | EKM324L28BP8-116(XMP) | 4GB (2x 2GB) | DS | - | - | - | 9 | - | • | • |
| Elixir | M2X2G64CB88G7N-DG(XMP) | 2GB | SS | Elixir | N2CB2G80GN-DG | - | 9-9-9-28 | - | • | • |
| Elixir | M2X4G64CB88G5N-DG(XMP) | 4GB | DS | Elixir | N2CB2G80GN-DG | - | 9-9-9-28 | - | • | • |
| Elixir | M2X8G64CB88B5N-DG(XMP) | 8GB | DS | Elixir | N2CB4G80BN-DG | - | 9-9-9-28 | 1.5 | • | • |
| G.SKILL | F3-12800CL7D-8GBRH(XMP) | 8GB (2x 4GB) | DS | - | - | - | 7-8-7-24 | 1.6 | • | • |
| G.SKILL | F3-12800CL7D-8GBXH(XMP) | 8GB (2x 4GB) | DS | - | - | - | 7-8-7-24 | 1.6 | • | • |
| G.SKILL | F3-12800CL7Q-16GBXH(XMP) | 16GB (4x 4GB) | DS | - | - | - | 7-8-7-24 | 1.6 | • | • |
| G.SKILL | F3-12800CL8D-8GBECO(XMP) | 8GB (2x 4GB) | DS | - | - | - | 8-8-8-24 | 1.35 | • | • |
| G.SKILL | F3-12800CL9D-4GBNQB(XMP) | 4GB (2x 2GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| G.SKILL | F3-12800CL9D-8GBRL(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| G.SKILL | F3-12800CL9D-8GBSR2(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.25 | • | • |
| G.SKILL | F3-12800CL9Q-16GBXL(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| G.SKILL | F3-12800CL9Q-16GBZL(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| G.SKILL | F3-1600C9Q-32GXM(XMP) | 32GB (4x 8GB) | DS | - | - | - | - | 1.5 | • | • |
| GEIL | GET316GB1600C9QC(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-28 | 1.6 | • | • |
| GEIL | GUP34GB1600C7DC(XMP) | 4GB (2x 2GB) | DS | - | - | - | 7-7-7-24 | 1.6 | • | • |
| GEIL | GVP38GB1600C8QC(XMP) | 8GB (4x 2GB) | DS | - | - | - | 8-8-8-28 | 1.6 | • | • |
| GoodRam | GR1600D364L9/2G | 2GB | DS | GoodRam | GF1008KC-JN | - | - | - | • | • |
| Hynix | HMT351U6CFR8C-PB | 4GB | DS | Hynix | H5TQ2G83CFR | - | - | - | • | • |
| Hynix | HMT41GU6MFR8C-PB | 8GB | DS | Hynix | H5TQ4G83MFR | - | - | - | • | • |
| KINGMAX | FLGE85F-C8KL9A(XMP) | 2GB | SS | KINGMAX | N/A | - | 9-9-9-28 | - | • | • |
| KINGMAX | FLGF65F-C8KL9A(XMP) | 4GB | DS | KINGMAX | N/A | - | 9-9-9-28 | - | • | • |
| KINGSTON | KHX1600C9D3K3/12GX(XMP) | 12GB (3x 4GB) | DS | - | - | - | - | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K3/12GX(XMP) | 12GB (3x 4GB) | DS | - | - | - | 9 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K3/6GX(XMP) | 6GB (3x 2GB) | DS | - | - | - | 9 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K3/6GX(XMP) | 6GB (3x 2GB) | DS | - | - | - | 9 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K3/6GX(XMP) | 6GB (3x 2GB) | DS | - | - | - | 9 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K4/16GX(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-24 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K6/24GX(XMP) | 24GB (6x 4GB) | DS | - | - | - | 9 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3K8/32GX(XMP) | 32GB (8x 4GB) | DS | - | - | - | 9-9-9-27 | 1.65 | • | • |
| KINGSTON | KHX1600C9D3L2/8GX(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.35 | • | • |
| KINGSTON | KHX1600C9D3P1K2/8G | 8GB (2x 4GB) | DS | - | - | - | 9 | 1.5 | • | • |
| KINGSTON | KHX16C10B1K2/16X(XMP) | 16GB (2x 8GB) | DS | - | - | - | - | 1.5 | • | • |
| KINGSTON | KHX16C9K2/16 | 16GB (2x 8GB) | DS | - | - | - | 1333-9-9-9-24 | 1.5 | • | • |
| KINGSTON | KHX16C9P1K2/16 | 16GB (2x 8GB) | DS | - | - | - | - | 1.5 | • | • |
| KINGSTON | KVR16N11/4 | 4G | DS | Hynix | H5TQ2G83CFRPBC | - | - | 1.5 | • | • |
| KINGTIGER | KTG2G1600PG3(XMP) | 2GB | DS | - | - | - | - | - | • | • |
| MICRON | MT16JTF1G64AZ-1G6D1 | 8GB | DS | MICRON | D9PBC | - | - | 1.5 | • | • |
| MICRON | MT16KTF51264AZ-1G6M1 | 4GB | DS | MICRON | D9PFJ | 11-11-11-28 | - | - | • | • |
| MICRON | MT16KTF51264AZ-1G6M1 | 4GB | DS | MICRON | D9PFJ | - | - | - | • | • |
| MICRON | MT8KTF25664AZ-1G6M1 | 2GB | SS | MICRON | D9PFJ | - | - | - | • | • |
| Mushkin | 996805(XMP) | 4GB (2x 2GB) | DS | - | - | - | 6-8-6-24 | 1.65 | • | • |
| Mushkin | 998805(XMP) | 6GB (3x 2GB) | DS | - | - | - | 6-8-6-24 | 1.65 | • | • |
| OCZ | OCZ3BE1600C8LV4GK | 4GB (2x 2GB) | DS | - | - | - | 8-8-8 | 1.65 | • | • |
| Patriot | PGD316G1600ELK(XMP) | 16GB (2x 8GB) | DS | - | - | - | - | 1.65 | • | • |
| Patriot | PGD316G1600ELK(XMP) | 16GB (2x 8GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| Patriot | PGD38G1600ELK(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.65 | • | • |
| Patriot | PGD38G1600ELK(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| Patriot | PGS34G1600LLKA | 4GB (2x 2GB) | DS | - | - | - | 7-7-7-20 | 1.7 | • | • |
| Patriot | PGS34G1600LLKA2 | 4GB (2x 2GB) | DS | - | - | - | 8-8-8-24 | 1.7 | • | • |
| Patriot | PV316G160C9QKRD(XMP) | 16GB (4x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| Patriot | PV38G160C9KRD(XMP) | 8GB (2x 4GB) | DS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| Patriot | PVV38G1600LLK(XMP) | 8GB (2x 4GB) | DS | - | - | - | 8-9-8-24 | 1.65 | • | • |
| Patriot | PX538G1600LLK(XMP) | 8GB (2x 4GB) | DS | - | - | - | 8-9-8-24 | 1.65 | • | • |
| Patriot | PX7312G1600LLK(XMP) | 12GB (3x 4GB) | DS | - | - | - | 8-9-8-24 | 1.65 | • | • |
| Patriot | PXD38G1600LLK(XMP) | 8GB (2x 4GB) | DS | - | - | - | 1600 8-9-8-24 | 1.65 | • | • |
| Patriot | PV38G160C9K(XMP) | 8GB (2x 4GB) | SS | - | - | - | 9-9-9-24 | 1.5 | • | • |
| PSC | AL9F8L93B-GN2E | 4GB | SS | PSC | A3P4GF3BLF | - | - | - | • | • |
| PSC | ALAF8L93B-GN2E | 8GB | DS | PSC | A3P4GF3BLF | - | - | - | • | • |
| SanMax | SMD-4G68HP-16KZ | 4GB | DS | Hynix | H5TQ2G83BFRPBC | - | - | 1.5 | • | • |
| SanMax | SMD-4G68NG-16KK | 4GB | DS | ELPIDA | J2108BDBG-GN-F | - | - | - | • | • |
| SanMax | SMD-8G28NP-16KM | 8GB | DS | ELPIDA | J4208BBBG-GN-F | 11-11-11-28 | - | - | • | • |
| SanMax | SMD-4G28N1P-16KM | 4GB | SS | ELPIDA | J4208BBBG-GN-F | 11-11-11-28 | - | - | • | • |
| Silicon Power | SP002GBLTU160V02(XMP) | 2GB | SS | S-POWER | 20Y75NG | - | 9-11-11-28 | 1.5 | • | • |

| | | | | | | | | | | |
|---------------|-------------------------|-----|----|-----------|----------------|----------|-----|---|---|---|
| Silicon Power | SP004GBLTU160V02(XMP) | 4GB | DS | S-POWER | 20YT5NG | 9-9-24 | 1.5 | • | • | • |
| Team | TED38G1600HC11BK | 8GB | DS | - | - | 11-11-28 | - | • | • | • |
| Team | TXD34096M1600HC9-D(XMP) | 4GB | DS | Hynix | H5TC2G83BFRH9A | 9-9-24 | 1.5 | • | • | • |
| Transcend | JM1600KLLH-8G(626633) | 8GB | DS | Transcend | TK963EBF3 | - | - | • | • | • |
| Transcend | TS1GLK64V6H(620945) | 8GB | DS | SAMSUNG | K4B4G0846B | - | - | • | • | • |

DDR3 1333 Qualified Vendors List (QVL)

| Vendors | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
|---------------|----------------------------|-----------------|-------|-------------|---------------------|--------|---------|--------------------------------|--------|--------|
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| ACTICA | ACT1GHU64B8F1333S | 1GB | SS | SAMSUNG | K4B1G0846F | - | - | • | • | • |
| ACTICA | ACT1GHU72C8G1333S | 1GB | SS | SAMSUNG | K4B1G0846F(ECC) | - | - | • | • | • |
| ACTICA | ACT2GHU64B8G1333M | 2GB | DS | Micron | D9KPT | - | - | • | • | • |
| ACTICA | ACT2GHU64B8G1333S | 2GB | DS | SAMSUNG | K4B1G0846F | - | - | • | • | • |
| ACTICA | ACT2GHU72D8G1333M | 2GB | DS | Micron | D9KPT(ECC) | - | - | • | • | • |
| ACTICA | ACT2GHU72D8G1333S | 2GB | DS | SAMSUNG | K4B1G0846F(ECC) | - | - | • | • | • |
| ACTICA | ACT4GHU64B8H1333H | 4GB | DS | Hynix | H5TQ2G83AFR | - | - | • | • | • |
| ACTICA | ACT4GHU72D8H1333H | 4GB | DS | Hynix | H5TQ2G83AFR(ECC) | - | - | • | • | • |
| AMD | AE32G1339U1-U | 2GB | SS | AMD | 23EY4587MB3H | - | 1.5 | • | • | • |
| AMD | AE34G1339U2-U | 4GB | DS | AMD | 23EY4587MB3H | - | 1.5 | • | • | • |
| Apacer | 78.A1GC6.9L1 | 2GB | DS | Apacer | AM5D5808FEQSBG | 9 | - | • | • | • |
| Apacer | 78.B1GDE.9L10C | 4GB | DS | Apacer | AM5D5808CEHSBG | 9 | - | • | • | • |
| Asint | SLA302G08-EDJ1C | 2GB | SS | ASint | 302G08-DJ1C | - | - | • | • | • |
| Asint | SLZ302G08-EDJ1C | 4GB | DS | ASint | 302G08-DJ1C | - | - | • | • | • |
| ATP | AQ12M72E8BKH9S | 4GB | DS | SAMSUNG | K4B2G0846C(ECC) | - | - | • | • | • |
| BUFFALO | D3U1333-1G | 1GB | SS | Elpida | J1108BFBG-DJ-F | - | - | • | • | • |
| BUFFALO | D3U1333-2G | 2GB | DS | Elpida | J1108BFBG-DJ-F | - | - | • | • | • |
| BUFFALO | D3U1333-4G | 4GB | DS | NANYA | NT5CB256M8BN-CG | - | - | • | • | • |
| CORSAIR | CMV4GX3M2A1333C9 | 4GB (2x 2GB) | SS | - | N/A | 9-9-24 | - | • | • | • |
| CORSAIR | CMV8GX3M2A1333C9 | 8GB (2x 4GB) | DS | - | N/A | 9-9-24 | - | • | • | • |
| CORSAIR | CMX8GX3M1A1333C9 (Ver2.2) | 8GB | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| CORSAIR | CMX8GX3M1A1333C9 (Ver3.23) | 8GB | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| CORSAIR | CMX8GX3M2A1333C9(XMP) | 8GB (2x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| CORSAIR | TW3X4G1333C9A | 4GB (2x 2GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| EK Memory | EKM324L28BP8-113 | 4GB (2x 2GB) | DS | - | - | 9 | - | • | • | • |
| Ellixir | M2F2G64CB88G7N-CG | 2GB | SS | Elxir | N2CB2G80GN-CG | - | - | • | • | • |
| ELPIDA | EBJ41UF8CF0-DJ-F | 4GB | DS | ELPIDA | J2108BCSE-DJ-F | - | - | • | • | • |
| G.SKILL | F3-10600CL9D-4GBNT | 4GB (2x 2GB) | DS | G.SKILL | D3 128M8CE9 2GB | 9-9-24 | 1.5 | • | • | • |
| G.SKILL | F3-10666CL7D-8GBRH(XMP) | 8GB (2x 4GB) | DS | - | - | 7-7-21 | 1.5 | • | • | • |
| G.SKILL | F3-10666CL8D-4GBHK(XMP) | 4GB (2x 2GB) | DS | - | - | 8-8-21 | 1.5 | • | • | • |
| G.SKILL | F3-10666CL9D-8GBRL | 8GB (2x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| G.SKILL | F3-10666CL9D-8GBRL | 8GB (2x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| G.SKILL | F3-10666CL9D-8GBXL | 8GB (2x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| GEIL | GB34GB1333C7DC | 4GB (2x 2GB) | DS | GEIL | GL1L128M88BA15FW | 7-7-24 | 1.5 | • | • | • |
| GEIL | GET316GB1333C9QC | 16GB (4x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| GEIL | GG34GB1333C9DC | 4GB (2x 2GB) | DS | GEIL | GL1L128M88BA115FW | 9-9-24 | 1.3 | • | • | • |
| GEIL | GG34GB1333C9DC | 4GB (2x 2GB) | DS | GEIL | GL1L128M88BA15B | 9-9-24 | 1.3 | • | • | • |
| GEIL | GVP34GB1333C9DC | 4GB (2x 2GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| GEIL | GVP38GB1333C9DC | 8GB (2x 4GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| GoodRam | GR1333D364L9/2G | 2GB | DS | Qimonda | IDSH1G-03A1F1C-13H | - | - | • | • | • |
| Hynix | HMT125U6TFR8A-H9 | 2GB | DS | Hynix | H5TC1G83TFR | - | - | • | • | • |
| Hynix | HMT325U6BFR8C-H9 | 2GB | SS | Hynix | H5TQ2G83BFR | - | - | • | • | • |
| INNODISK | M3UN-2GHJBC09 | 2GB | SS | Hynix | H5TQ2G83CFR9C | 9-9-24 | - | • | • | • |
| INNODISK | M3UN-4GHJAC09 | 4GB | DS | Hynix | H5TQ2G83CFR9C | 9-9-24 | - | • | • | • |
| KINGMAX | FLF45F-B8K9L | 1GB | SS | KINGMAX | KFB8FNLXF-BNF-15A | - | - | • | • | • |
| KINGMAX | FLFE85F-B8K9L | 2GB | DS | KINGMAX | KFB8FNLXL-BNF-15A | - | - | • | • | • |
| KINGMAX | FLFE85F-C8K9L | 2GB | SS | KINGMAX | KFC8FNLBF-GXX-12A | - | - | • | • | • |
| KINGMAX | FLFE85F-C8K9L | 2GB | SS | KINGMAX | KFC8FNLXF-DXX-15A | - | - | • | • | • |
| KINGMAX | FLFE85F-C8KM9 | 2GB | SS | Kingmax | KFC8FNMXF-BXX-15A | - | - | • | • | • |
| KINGMAX | FLFF65F-C8K9L | 4GB | DS | KINGMAX | KFC8FNLBF-GXX-12A | - | - | • | • | • |
| KINGMAX | FLFF65F-C8K9L | 4GB | DS | KINGMAX | KFC8FNLXF-DXX-15A | - | - | • | • | • |
| KINGMAX | FLFF65F-C8KM9 | 4GB | DS | Kingmax | KFC8FNMXF-BXX-15A | - | - | • | • | • |
| KINGSTON | KVR1333D3E9S/4G | 4GB | DS | Elpida | J2108ECSE-DJ-F | 9 | 1.5 | • | • | • |
| KINGSTON | KVR1333D3N9H/4G | 4GB | DS | ELPIDA | J2108DBG-GN-F | - | 1.5 | • | • | • |
| KINGSTON | KVR1333D3N9H/8G | 8GB | DS | ELPIDA | J4208EASE-DJ-F | 9-9-24 | 1.5 | • | • | • |
| KINGSTON | KVR13N9SBH/4 | 4GB | SS | ELPIDA | J4208BBG-GN-F | - | 1.5 | • | • | • |
| KINGTIGER | F10DA2T1680 | 2GB | DS | KINGTIGER | KTG1333PS1208NST-C9 | - | - | • | • | • |
| KINGTIGER | KTG2G1333PG3 | 2GB | DS | - | - | - | - | • | • | • |
| Mach Xtreme | MXD3U133316GQ | 16GB (4x 4GB) | DS | - | - | - | - | • | • | • |
| Mach Xtreme | MXD3V13332GS | 2GB | SS | Mach Xtreme | C2546D30-D313 | - | - | • | • | • |
| MICRON | MT16JTF1G64AZ-1G4D1 | 8GB | DS | MICRON | D9PCF | - | - | • | • | • |
| MICRON | MT8JTF25664AZ-1G4M1 | 2GB | SS | MICRON | D9PFJ | - | - | • | • | • |
| OCZ | OCZ3G1333LV4GK | 4GB (2x 2GB) | DS | - | - | 9-9-9 | 1.65 | • | • | • |
| OCZ | OCZ3G1333LV8GK | 8GB (2x 4GB) | DS | - | - | 9-9-9 | 1.65 | • | • | • |
| OCZ | OCZ3G1333LV8GK | 8GB (2x 4GB) | DS | - | - | 9-9-9 | 1.65 | • | • | • |
| OCZ | OCZ3RPR1333C9LV8GK | 8GB (2x 4GB) | DS | - | - | 9-9-9 | 1.65 | • | • | • |
| Patriot | PG38G1333EL(XMP) | 8GB | DS | - | - | - | 1.5 | • | • | • |
| Patriot | PGD316G1333ELK(XMP) | 16GB (2x 8GB) | DS | - | - | 9-9-24 | 1.5 | • | • | • |
| Patriot | PGS34G1333LLKA | 4GB (2x 2GB) | DS | - | - | 7-7-20 | 1.7 | • | • | • |
| Patriot | PSD32G13332 | 2GB | DS | Patriot | PM128M8D3BU-15 | 9 | - | • | • | • |
| RIDATA | C304627CB1AG22Fe | 2GB | DS | RIDATA | C304627CB1AG22Fe | 9 | - | • | • | • |
| RIDATA | E304459CB1AG32Cf | 4GB | DS | RIDATA | E304459CB1AG32Cf | 9 | - | • | • | • |
| SAMSUNG | M378B5273CH0-CH9 | 4GB | DS | SAMSUNG | K4B2G0846C | - | - | • | • | • |
| SAMSUNG | M378B5273DH0-CH9 | 4GB | DS | SAMSUNG | K4B2G0846B | - | - | • | • | • |
| SAMSUNG | M378B5773DH0-CH9 | 2GB | SS | SAMSUNG | K4B2G0846B | - | - | • | • | • |
| Silicon Power | SP001GBL TE133S01 | 1GB | SS | NANYA | NT5CB128M8AN-CG | - | - | • | • | • |
| Silicon Power | SP001GBL TU133S02 | 1GB | SS | S-POWER | 10YT3E5 | 9 | - | • | • | • |
| Silicon Power | SP002GBL TE133S01 | 2GB | DS | NANYA | NT5CB128M8AN-CG | - | - | • | • | • |
| Silicon Power | SP002GBL TU133V02 | 2GB | SS | S-POWER | 20YT3NG | 9-9-24 | - | • | • | • |
| Silicon Power | SP004GBL TU133V02 | 4GB | DS | S-POWER | 20YT3NG | 9-9-24 | - | • | • | • |
| Team | TED34096M1333HC9 | 4GB | DS | Team | T3D2568LT-13 | - | - | • | • | • |
| Team | TED38G1333HC9BK | 8GB | DS | - | - | 9-9-24 | - | • | • | • |
| Transcend | JM1333KLLH-8G(623654) | 8GB | DS | Transcend | TK963EBF3 | - | - | • | • | • |
| Transcend | TS1GLK64V3H(620053) | 8GB | DS | MICRON | D9QBJ | - | - | • | • | • |

4 DIMM Slots

- **1 DIMM**: Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM**: Supports one pair of modules inserted into either the **yellow** slots or the **dark brown** slots as one pair of Dual-channel memory configuration
- **4 DIMM**: Supports 4 modules inserted into both the **yellow** and **dark brown** 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 yellow 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.

-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.