

| P7H5D-M PRO | | | | | | | | | | |
|--|----------------------|------|-------|------------|--------------------|--------|---------|--------------------------------|--------|--------|
| DDR3 1067 Qualified Vendors List (QVL) | | | | | | | | | | |
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| Crucial | CT12864BA1067.8FF | 1GB | SS | MICRON | D9KPT | 7 | - | ● | ● | ● |
| Crucial | CT25664BA1067.16FF | 2GB | DS | MICRON | D9KPT | 7 | - | ● | ● | ● |
| ELPIDA | EBJ10UE8EDF0-AE-F | 1GB | SS | ELPIDA | J1108EDSE-DJ-F | - | - | ● | ● | ● |
| ELPIDA | EBJ21UE8EDF0-AE-F | 2GB | DS | ELPIDA | J1108EDSE-DJ-F | - | - | ● | ● | |
| Hynix | HMT112U6AFP8C-G7N0 | 1GB | SS | HYNIX | H5TQ1G83AFP6G7C | 7 | - | ● | ● | ● |
| Hynix | HMT125U6AFP8C-G7N0 | 2GB | DS | HYNIX | H5TQ1G83AFP6G7C | 7 | - | ● | ● | ● |
| KINGSTON | KVR1066D3N7/1G | 1GB | SS | KINGSTON | D1288JEKAPA7U | 7 | 1.5 | | ● | ● |
| KINGSTON | KVR1066D3N7/2G | 2GB | DS | KINGSTON | D1288JEKAPGA7U | 7 | 1.5 | ● | ● | ● |
| MICRON | MT8JTF12864AZ-1G1F1 | 1GB | SS | MICRON | 8ZF22 D9KPV | 7 | - | ● | ● | ● |
| MICRON | MT16JTF25664AZ-1G1F1 | 2GB | DS | MICRON | 8ZF22 D9KPV | 7 | - | ● | ● | ● |
| SAMSUNG | M378B5273BH1-CF8 | 4GB | DS | SAMSUNG | K4B2G0846B-HCF8 | 8 | 1.5 | | ● | ● |
| Transcend | TS256MLK64V1U | 2GB | DS | ELPIDA | J1108BABG-AE-E | 7 | - | ● | ● | ● |
| Asint | SLY3128M8-EAE | 1GB | SS | Asint | DDRIII1208-AE | - | - | ● | ● | ● |
| Asint | SLZ3128M8-EAE | 2GB | DS | Asint | DDRIII1208-AE | - | - | ● | ● | ● |
| Elixir | M2Y2G64CB8HA9N-BE | 2GB | DS | - | - | - | - | ● | ● | |
| WINTEC | 3DU3191A-10 | 1GB | DS | Qimonda | IDSH51-03A1F1C-10F | 7 | - | ● | ● | |

- 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 **blue** slots or the **black** slots as one pair of Dual-channel memory configuration
 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** 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.

| DDR3 1333 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|--|--------------|-------|------------|--------------------|----------|---------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| A-DATA | AD3133301GOU | 1GB | SS | A-DATA | AD30908C8D-15IG | - | - | • | • | • |
| A-DATA | AD31333002GOU | 2GB | DS | A-DATA | AD30908C8D-15IG | - | - | • | • | • |
| A-DATA | AD3U1333B2G9-2 | 2GB | DS | A-DATA | AD30908C8D-15IG | - | - | • | • | • |
| CORSAIR | TR3X3G1333C9 (Ver2.1) | 3GB(3 x 1GB) | SS | - | - | 9-9-9-24 | 1.5 | • | • | • |
| CORSAIR | BoxP/N:TWIN3X2048-1333C9 (CM3X1024-1333C9)Ver1.1 | 2GB(2 x 1GB) | DS | - | - | 9-9-9-24 | 1.70 | • | • | |
| Crucial | CT12864BA1339.8FF | 1GB | SS | MICRON | D9KPT | 9 | - | • | • | • |
| Crucial | BL25664BN1337.16FF(XMP) | 2GB | DS | - | - | 7-7-7-24 | 1.65 | • | • | • |
| ELPIDA | EBJ10UE8BAW0-DJ-E | 1GB | SS | ELPIDA | J1108BABG-DJ-E | 9 | - | • | • | • |
| ELPIDA | EBJ21UE8BAW0-DJ-E | 2GB | DS | ELPIDA | J1108BABG-DJ-E | 9 | - | • | • | |
| G.SKILL | F3-10600CL8D-2GBHK | 2GB(2 x 1GB) | SS | - | - | - | 1.65 | • | • | • |
| G.SKILL | F3-10666CL8D-4GBHK(XMP) | 4GB(2 x 2GB) | DS | - | - | 8-8-8-21 | 1.5-1.6 | • | • | • |
| GEIL | GG34GB1333C9DC | 4GB(2 x 2GB) | DS | GEIL | GL1L128M88BA12N | 9-9-9-24 | 1.3 | • | • | • |
| Hynix | HMT112U6BFR8C-H9 | 1GB | SS | Hynix | H5TQ1G83BFR | 9 | - | • | • | • |
| Hynix | HMT125U6BFR8C-H9 | 2GB | DS | Hynix | H5TQ1G83BFRH9C | 9 | - | • | • | |
| KINGSTON | KVR1333D3N9/2G | 2GB | DS | Qimonda | IDSH1G-03A1F1C-13H | 9 | 1.5 | • | • | • |
| KINGSTON | KVR1333D3N9/4G | 4GB | DS | SAMSUNG | K4B2G0846B-HCH9 | 9 | 1.5 | • | • | • |
| MICRON | MT8JTF12864AZ-1G4F1 | 1GB | SS | MICRON | 9FF22 D9KPT | 9 | - | • | • | • |
| MICRON | MT16JTF25664AZ-1G4F1 | 2GB | DS | MICRON | 9FF22 D9KPT | 9 | - | • | • | • |
| OCZ | OCZ3P1333LV3GK | 3GB(3 x 1GB) | SS | - | - | 7-7-7 | 1.65 | • | • | • |
| OCZ | OCZX1333LV6GK(XMP) | 6GB(3 x 2GB) | DS | NA | - | 8-8-8 | 1.6 | • | • | • |
| PSC | AL7F8G73D-DG1 | 1GB | SS | PSC | A3P1GF3DGF | - | - | • | • | • |
| PSC | AL8F8G73D-DG1 | 2GB | DS | PSC | A3P1GF3DGF | - | - | • | • | • |
| SAMSUNG | M378B2873EH1-CH9 | 1GB | SS | SAMSUNG | K4B1G0846E | - | - | | • | • |
| SAMSUNG | M378B5673EH1-CH9 | 2GB | DS | SAMSUNG | K4B1G0846E | - | - | • | • | • |
| Asint | SLZ3128M8-EDJE | 2GB | DS | ELPIDA | J1108BASE-DJ-E | - | - | • | • | |
| ASUS | N/A | 1GB | DS | - | - | - | - | • | • | • |
| ATP | AQ28M72D8BJH9S | 1GB | SS | SAMSUNG | K4B1G0846D(ECC) | - | - | • | • | • |
| ATP | AQ56M72E8BJH9S | 2GB | DS | SAMSUNG | K4B1G0846D(ECC) | - | - | • | • | • |
| BUFFALO | FSH1333D3G-T3G(XMP) | 3GB(3 x 1GB) | SS | - | - | 7-7-7-20 | - | • | • | • |
| BUFFALO | FSX1333D3G-2G | 2GB | DS | - | - | - | - | • | • | • |
| EK Memory | EKM324L28BP8-I13 | 4GB(2 x 2GB) | DS | - | - | 9 | - | • | • | |
| Elixir | M2Y2G64CB8HA9N-CG | 2GB | DS | - | - | - | - | • | • | • |
| Patriot | PVT33G1333ELK | 3GB(3 x 1GB) | SS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| Patriot | PVT36G1333ELK | 6GB(3 x 2GB) | DS | - | - | 9-9-9-24 | 1.65 | • | • | • |
| Silicon Power | SP001GBLTU1333S01 | 1GB | SS | NANYA | NT5CB128M8AN-CG | - | - | • | • | |
| Silicon Power | SP002GBLTU1333S02 | 2GB | DS | S-POWER | I0YT3E0 | 9 | - | • | • | • |

- 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 **blue** slots or the **black** slots as one pair of Dual-channel memory configuration
 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** 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.

| DDR3 1600 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|--|--------------|-------|------------|----------|----------|-----------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| A-DATA | AD31600G001GMU | 1GB | SS | - | - | 9-9-9-24 | 1.65~1.85 | ● | ● | ● |
| A-DATA | AX3U1600GB1G9-AG | 2GB(2 x 1GB) | SS | - | - | 9-9-9-24 | 1.65~1.85 | ● | ● | ● |
| A-DATA | AX3U1600GB1G9-3G | 3GB(3 x 1GB) | SS | - | - | 9-9-9-24 | 1.65~1.85 | ● | ● | ● |
| A-DATA | AD31600F002GMU(XMP) | 6GB(3 x 2GB) | DS | - | - | 7-7-7-20 | 1.75-1.85 | ● | ● | ● |
| A-DATA | AX3U1600XB2G7-FF(XMP) | 6GB(3 x 2GB) | DS | - | - | 7-7-7-20 | 1.75-1.85 | ● | ● | ● |
| CORSAIR | TR3X3G1600C8D | 3GB(3 x 1GB) | SS | - | - | 8-8-8-24 | 1.65 | ● | ● | ● |
| CORSAIR | CMD4GX3M2A1600C8(XMP) | 4GB(2 x 2GB) | DS | - | - | 8-8-8-24 | 1.65 | ● | ● | ● |
| Crucial | BL12864BA1608.8SFB(XMP) | 1GB | SS | - | - | - | 1.8 | ● | ● | ● |
| Crucial | BL25664BN1608.16FF(XMP) | 2GB | DS | - | - | 8-8-8-24 | 1.65 | ● | ● | ● |
| G.SKILL | F3-12800CL9D-2GBNQ | 2GB(2 x 1GB) | SS | - | - | - | 1.6 | ● | ● | ● |
| G.SKILL | F3-12800CL9D-4GBRL | 2GB(2 x 1GB) | SS | - | - | - | 1.6 | ● | ● | ● |
| G.SKILL | F3-12800CL7D-4GBRH(XMP) | 4GB(2 x 2GB) | DS | - | - | 7-7-7-24 | 1.65 | ● | ● | ● |
| GEIL | GV34GB1600C8DC | 4GB(2 x 2GB) | DS | - | - | 8-8-8-28 | 1.6 | ● | ● | ● |
| KINGSTON | KHX1600C8D3T1K2/4G(XMP) | 4GB(2 x 2GB) | DS | - | - | 8 | 1.65 | ● | ● | ● |
| OCZ | OCZ3G1600LV3GK | 3GB(3 x 1GB) | SS | - | - | 8-8-8 | 1.65 | ● | ● | ● |
| OCZ | OCZ3X16004GK(XMP) | 4GB(2 x 2GB) | DS | - | - | 7-7-7 | 1.9 | ● | ● | ● |
| Super Talent | WB160UX6G8(XMP) | 6GB(3 x 2GB) | DS | - | - | - | - | ● | ● | ● |
| Cell Shock | CS322271 | 2GB(2 x 1GB) | DS | - | - | 7-7-7-14 | 1.7-1.9 | ● | ● | ● |
| EK Memory | EKM324L28BP8-I16(XMP) | 4GB(2 x 2GB) | DS | - | - | 9 | - | ● | ● | ● |
| Elixir | M2Y2G64CB8HA9N-DG(XMP) | 2GB | DS | - | - | - | - | ● | ● | ● |
| Mushkin | 998657 | 4GB(2 x 2GB) | DS | - | - | 7-7-7-20 | - | ● | ● | ● |
| Mushkin | 998659(XMP) | 6GB(3 x 2GB) | DS | - | - | 9-9-9-24 | 1.5-1.6 | ● | ● | ● |
| Patriot | PVT33G1600ELK | 3GB(3 x 1GB) | SS | - | - | 9-9-9-24 | 1.65 | ● | ● | ● |
| PATRIOT | PGS34G1600LLKA | 4GB(2 x 2GB) | DS | - | - | 7-7-7-20 | 1.7 | ● | ● | ● |
| Team | BoxP/N:TXD34096M1600HC6DC-L (TXD32048M1600HC6-L)(XMP) | 4GB(2 x 2GB) | DS | - | - | 6-7-6-18 | 1.65 | ● | ● | ● |

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

| DDR3 1800 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|--------------------------|--------------|-------|------------|----------|--------|---------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| KINGSTON | KHX1800C9D3T1K3/6GX(XMP) | 6GB(3 x 2GB) | DS | - | - | - | 1.65 | ● | ● | ● |

- 4 DIMM Slots
- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
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 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** 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.

| DDR3 1866 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|--------------------|--------------|-------|------------|----------|----------|---------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| Super Talent | W1866UX2GB(XMP) | 2GB(2 x 1GB) | SS | - | - | 8-8-8-24 | - | ● | ● | ● |
| Patriot | PVS32G1866LLK(XMP) | 2GB(2 x 1GB) | SS | - | - | 8-8-8-24 | 1.9 | ● | ● | ● |

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- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
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 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** 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.

| DDR3 2000 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|--------------------------|---------------|-------|------------|----------|--------|---------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| KINGSTON | KHX2000C8D3T1K3/3GX(XMP) | 3GB(3 x 1 GB) | SS | - | - | 8 | 1.65 | ● | ● | ● |
| KINGSTON | KHX2000C9D3T1K3/3GX(XMP) | 3GB(3 x 1 GB) | SS | - | - | 9 | 1.65 | ● | ● | ● |

- 4 DIMM Slots
- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
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 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** 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.

| DDR3 2133 Qualified Vendors List (QVL) | | | | | | | | | | |
|--|---------------------|--------------|-------|------------|----------|----------|---------|--------------------------------|--------|--------|
| | Part No. | Size | SS/DS | Chip Brand | Chip NO. | Timing | Voltage | DIMM socket support (Optional) | | |
| | | | | | | | | 1 DIMM | 2 DIMM | 4 DIMM |
| GEIL | GE34GB2133C9DC(XMP) | 4GB(2 x 2GB) | DS | - | - | 9-9-9-28 | 1.65 | ● | ● | |

- 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 **blue** slots or the **black** slots as one pair of Dual-channel memory configuration
 - **4 DIMM:** Supports 4 modules inserted into both the **blue** and **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 **Blue** slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect