

## P8H61-M LX2/SI

### DDR3 1333 Qualified Vendors List (QVL)

| Vendors | Part No.                 | Size            | SS/DS | Chip Brand | Chip NO.              | Timing     | Voltage            | socket support (Op |        |
|---------|--------------------------|-----------------|-------|------------|-----------------------|------------|--------------------|--------------------|--------|
|         |                          |                 |       |            |                       |            |                    | 1 DIMM             | 2 DIMM |
| A-Data  | AD31333001GOU            | 1GB             | SS    | A-Data     | AD30908C8D-151C E0906 | -          | -                  | •                  | •      |
| A-Data  | AD31333G001GOU           | 3GB(3 x 1GB)    | SS    | -          | -                     | 8-8-8-24   | 1.65-1.85V         | •                  | •      |
| A-Data  | AD31333002GOU            | 2GB             | DS    | A-Data     | AD30908C8D-151C E0903 | -          | -                  | •                  | •      |
| A-Data  | AD31333G002GMU           | 2GB             | DS    | -          | -                     | 8-8-8-24   | 1.65-1.85V         | •                  | •      |
| Apacer  | 78.A1GC6.9L1             | 2GB             | DS    | APACER     | AM5D5808DEWSBG        | -          | -                  | •                  | •      |
| Apacer  | 78.A1GC6.9L1             | 2GB             | DS    | Apacer     | AM5D5808FEQSBG        | 9          | -                  | •                  | •      |
| CORSAIR | CM3X1024-1333C9DHX       | 1GB             | SS    | -          | -                     | 9-9-9-24   | 1.60V              | •                  | •      |
| CORSAIR | CM3X1024-1333C9          | 1GB             | SS    | -          | -                     | 9-9-9-24   | 1.60V              | •                  | •      |
| CORSAIR | TR3X3G1333C9 G           | 3GB(3 x 1GB)    | SS    | -          | -                     | 9-9-9-24   | 1.50V              | •                  | •      |
| CORSAIR | TR3X3G1333C9 G           | 3GB(3 x 1GB)    | SS    | -          | -                     | 9-9-9-24   | 1.50V              | •                  | •      |
| CORSAIR | CM3X1024-1333C9DHX       | 1GB             | DS    | Corsair    | -                     | -          | -                  | •                  | •      |
| CORSAIR | CMD24GX3M6A1333C9(XMP)   | 24GB(6x4GB)     | DS    | -          | -                     | 9-9-9-24   | 1.60V              | •                  | •      |
| CORSAIR | CMX8GX3M4A1333C9         | 8GB(4 x 2GB)    | DS    | -          | -                     | 9-9-9-24   | 1.50V              | •                  | •      |
| Crucial | CT12864BA1339.8FF        | 1GB             | SS    | Micron     | 9FF22D9KPT            | 9          | -                  | •                  | •      |
| Crucial | CT25664BA1339.16FF       | 2GB             | DS    | Micron     | 9KF27D9KPT            | 9          | -                  | •                  | •      |
| Crucial | BL25664BN1337.16FF (XMP) | 6GB(3 x 2GB)    | DS    | -          | -                     | 7-7-7-24   | 1.65V              | •                  | •      |
| ELPIDA  | EBJ10UE8EDF0-DJ-F        | 1GB             | SS    | ELPIDA     | J1108EDSE-DJ-F        | -          | 1.35V(low voltage) | •                  | •      |
| ELPIDA  | EBJ21UE8EDF0-DJ-F        | 2GB             | DS    | ELPIDA     | J1108EDSE-DJ-F        | -          | 1.35V(low voltage) | •                  | •      |
| G.SKILL | F3-10600CL8D-2GBHK(XMP)  | 1GB             | SS    | G.SKILL    | -                     | -          | -                  | •                  | •      |
| G.SKILL | F3-10666CL7T-3GBPK(XMP)  | 3GB(3 x 1GB)    | SS    | -          | -                     | 7-7-7-18   | 1.5~1.6V           | •                  | •      |
| G.SKILL | F3-10666CL9T-3GBNQ       | 3GB(3 x 1GB)    | SS    | -          | -                     | 9-9-9-24   | 1.5~1.6V           | •                  | •      |
| G.SKILL | F3-10600CL8D-4GBHK(XMP)  | 4GB(2 x 2GB)    | DS    | -          | -                     | 8-8-8-21   | 1.5-1.6V           | •                  | •      |
| G.SKILL | F3-10666CL8D-4GBECO(XMP) | 4GB(2 x 2GB)    | DS    | -          | -                     | 8-8-8-8-24 | XMP 1.35V          | •                  | •      |
| G.SKILL | F3-10666CL7T-6GBPK(XMP)  | 6GB(3 x 2GB)    | DS    | -          | -                     | 7-7-7-18   | 1.5~1.6V           | •                  | •      |
| G.SKILL | F3-10666CL7D-8GBRH(XMP)  | 8GB(2 x 4GB)    | DS    | -          | -                     | 7-7-7-21   | 1.5V               | •                  | •      |
| G.SKILL | F3-10666CL9D-8GBRL       | 8GB(2 x 4GB)    | DS    | -          | -                     | 9-9-9-24   | 1.5V               | •                  | •      |
| GEIL    | GET316GB1333C9QC         | 16GB ( 4x 4GB ) | DS    | -          | -                     | 9-9-9-24   | 1.5V               | •                  | •      |
| GEIL    | GV32GB1333C9DC           | 2GB(2 x 1GB)    | DS    | -          | -                     | 9-9-9-24   | 1.5V               | •                  | •      |
| GEIL    | GV34GB1333C7DC           | 2GB             | DS    | -          | -                     | 7-7-7-24   | 1.5V               | •                  | •      |
| GEIL    | GG34GB1333C9DC           | 4GB(2 x 2GB)    | DS    | GEIL       | GL1L128M88BA12N       | 9-9-9-24   | 1.3V(low voltage)  | •                  | •      |
| GEIL    | GV34GB1333C9DC           | 4GB(2 x 2GB)    | DS    | -          | -                     | 9-9-9-24   | 1.5V               | •                  | •      |
| Hynix   | HMT112U6TFR8A-H9         | 1GB             | SS    | HYNIX      | H5TC1G83TFRH9A        | -          | 1.35V(low voltage) | •                  | •      |
| HYNIX   | HMT325U6BFR8C-H9         | 2GB             | SS    | HYNIX      | H5TQ2G83BFRH9C        | -          | -                  | •                  | •      |
| Hynix   | HMT125U6TFR8A-H9         | 2GB             | DS    | HYNIX      | H5TC1G83TFRH9A        | -          | 1.35V(low voltage) | •                  | •      |
| HYNIX   | HMT351U6BFR8C-H9         | 4GB             | DS    | HYNIX      | H5TQ2G83BFRH9C        | -          | -                  | •                  | •      |
| KINGMAX | FLFD45F-B8KL9            | 1GB             | SS    | KINGMAX    | KKB8FNWBFGNX-27A      | -          | -                  | •                  | •      |
| KINGMAX | FLFE85F-C8KM9-NAES       | 2GB             | SS    | KINGMAX    | KFC8FNMXF-BXX-15A     | -          | -                  | •                  | •      |
| KINGMAX | FLFE85F-B8KL9            | 2GB             | DS    | KINGMAX    | KKB8FNWBFGNX-26A      | -          | -                  | •                  | •      |

|                     |                         |                |    |                |                   |          |           |   |   |
|---------------------|-------------------------|----------------|----|----------------|-------------------|----------|-----------|---|---|
| <b>KINGMAX</b>      | FLFF65F-C8KM9-NEES      | 4GB            | DS | <b>KINGMAX</b> | KFC8FNMXF-BXX-15A | -        | -         | • | • |
| <b>Kingston</b>     | KVR1333D3N9/1G          | 1GB            | SS | <b>ELPIDA</b>  | J1108BDBG-DJ-F    | 9        | 1.5V      | • | • |
| <b>KINGSTON</b>     | KVR1333D3N9/2G          | 2GB            | SS | <b>HYNIX</b>   | H5TQ2G83AFRH9C    | 9        | -         | • | • |
| <b>KINGSTON</b>     | KVR1333D3N9/2G(矮版)      | 2GB            | DS | <b>ELPIDA</b>  | J1108BDBG-DJ-F    | 9        | 1.5V      | • | • |
| <b>Kingston</b>     | KVR1333D3N9/2G          | 2GB            | DS | <b>KTC</b>     | D1288JPNDPLD9U    | 9        | 1.5V      | • | • |
| <b>Kingston</b>     | KVR1333D3N9/2G          | 2GB            | DS | <b>ELPIDA</b>  | J1108BDSE-DJ-F    | 9        | 1.5V      | • | • |
| <b>Kingston</b>     | KHX1333C7D3K2/4GX(XMP)  | 4GB(2 x 2GB)   | DS | -              | -                 | 7        | 1.65V     | • | • |
| <b>Kingston</b>     | KHX1333C9D3UK2/4GX(XMP) | 4GB(2 x 2GB)   | DS | -              | -                 | 9        | XMP 1.25V | • | • |
| <b>KINGSTON</b>     | KVR1333D3N9/4G(矮版)      | 4GB            | DS | <b>HYNIX</b>   | H5TQ2G83AFRH9C    | 9        | 1.5V      | • | • |
| <b>KINGSTON</b>     | KVR1333D3N9/4G          | 4GB            | DS | <b>Hynix</b>   | H5TQ2G83AFR       | -        | -         | • | • |
| <b>MICRON</b>       | MT4JTF12864AZ-1G4D1     | 1GB            | SS | <b>MICRON</b>  | D9LGQ             | -        | -         | • | • |
| <b>Micron</b>       | MT8JTF12864AZ-1G4F1     | 1GB            | SS | <b>Micron</b>  | 9FF22D9KPT        | 9        | -         | • | • |
| <b>MICRON</b>       | MT8JTF25664AZ-1G4D1     | 2GB            | SS | <b>MICRON</b>  | D9LGK             | -        | -         | • | • |
| <b>Micron</b>       | MT16JTF25664AZ-1G4F1    | 2GB            | DS | <b>Micron</b>  | 9KF27D9KPT        | 9        | -         | • | • |
| <b>MICRON</b>       | MT16JTF51264AZ-1G4D1    | 4GB            | DS | <b>MICRON</b>  | D9LGK             | -        | -         | • | • |
| <b>OCZ</b>          | OCZ3F13334GK            | 4GB(2 x 2GB)   | DS | -              | -                 | 9-9-9-20 | 1.7V      | • | • |
| <b>OCZ</b>          | OCZ3G13334GK            | 4GB(2 x 2GB)   | DS | -              | -                 | 9-9-9-20 | 1.7V      | • | • |
| <b>OCZ</b>          | OCZ3G1333LV4GK          | 4GB(2 x 2GB)   | DS | -              | -                 | 9-9-9-20 | 1.65V     | • | • |
| <b>OCZ</b>          | OCZ3P1333LV4GK          | 4GB(2 x 2GB)   | DS | -              | -                 | 7-7-7-20 | 1.65V     | • | • |
| <b>OCZ</b>          | OCZ3X13334GK(XMP)       | 4GB(2 x 2GB)   | DS | -              | -                 | 7-7-7-20 | 1.75V     | • | • |
| <b>OCZ</b>          | OCZ3P1333LV6GK          | 6GB(3 x 2GB)   | DS | -              | -                 | 7-7-7-20 | 1.65V     | • | • |
| <b>OCZ</b>          | OCZ3X1333LV6GK(XMP)     | 6GB(3 x 2GB)   | DS | -              | -                 | 8-8-8-20 | 1.60V     | • | • |
| <b>OCZ</b>          | OCZ3G1333LV8GK          | 8GB ( 2x 4GB ) | DS | -              | -                 | 9-9-9-20 | 1.65V     | • | • |
| <b>OCZ</b>          | OCZ3RPR1333C9LV8GK      | 8GB ( 2x 4GB ) | DS | -              | -                 | 9-9-9-20 | 1.65V     | • | • |
| <b>PSC</b>          | AL7F8G73D-DG1           | 1GB            | SS | <b>PSC</b>     | A3P1GF3DGF        | 8-8-8-24 | 1.5V      | • | • |
| <b>PSC</b>          | AL7F8G73F-DJ2           | 1GB            | SS | <b>PSC</b>     | A3P1GF3FGF        | -        | -         | • | • |
| <b>PSC</b>          | AL8F8G73D-DG1           | 2GB            | DS | <b>PSC</b>     | A3P1GF3DGF        | 8-8-8-24 | 1.5V      | • | • |
| <b>PSC</b>          | AL8F8G73F-DJ2           | 2GB            | DS | <b>PSC</b>     | A3P1GF3FGF        | -        | -         | • | • |
| <b>SAMSUNG</b>      | M378B2873FHS-CH9        | 1GB            | SS | <b>SAMSUNG</b> | K4B1G0846F        | -        | -         | • | • |
| <b>SAMSUNG</b>      | M378B5673FH0-CH9        | 2GB            | DS | <b>SAMSUNG</b> | K4B1G0846F        | -        | -         | • | • |
| <b>SAMSUNG</b>      | M378B5273CH0-CH9        | 4GB            | DS | <b>SAMSUNG</b> | K4B2G0846C        | -        | -         | • | • |
| <b>Super Talent</b> | W1333UA1GH              | 1GB            | SS | <b>HYNIX</b>   | H5TQ1G83TFR       | 9        | -         | • | • |
| <b>Super Talent</b> | W1333X2G8(XMP)          | 1GB            | SS | -              | -                 | 8        | -         | • | • |
| <b>Super Talent</b> | W1333UB2GS              | 2GB            | DS | <b>Samsung</b> | K4B1G0846F        | 9        | -         | • | • |
| <b>Super Talent</b> | W1333UB4GS              | 4GB            | DS | <b>Samsung</b> | K4B2G0846C        | -        | -         | • | • |
| <b>Super Talent</b> | W1333UX6GM              | 6GB(3x 2GB)    | DS | <b>Micron</b>  | 0BF27D9KPT        | 9-9-9-24 | 1.5V      | • | • |
| <b>Transcend</b>    | TS256MLK64V3U           | 2GB            | DS | <b>Micron</b>  | 9GF27D9KPT        | -        | -         | • | • |
| <b>Transcend</b>    | TS256MLK64V3U           | 2GB            | DS | <b>Elpida</b>  | J1108BDBG-DJ-F    | 9        | -         | • | • |
| <b>Elixir</b>       | M2F2G64CB8B7N-CG        | 2GB            | DS | <b>Elixir</b>  | N2CB2G808N-CG     | -        | -         | • | • |
| <b>Elixir</b>       | M2Y2G64CB8HA9N-CG       | 2GB            | DS | -              | -                 | 7-7-7-20 | -         | • | • |
| <b>Elixir</b>       | M2Y2G64CB8HC9N-CG       | 2GB            | DS | <b>Elixir</b>  | -                 | -        | -         | • | • |
| <b>Elixir</b>       | M2F4G64CB8HB5N-CG       | 4GB            | DS | <b>Elixir</b>  | N2CB2G808N-CG     | -        | -         | • | • |
| <b>KINGSHARE</b>    | KSRPCD31332G            | 2GB            | DS | <b>PATRIOT</b> | PM128M8D385-15    | -        | -         | • | • |

|                      |                     |     |    |         |                         |          |      |   |   |
|----------------------|---------------------|-----|----|---------|-------------------------|----------|------|---|---|
| <b>Kingtiger</b>     | 2GB DIMM PC3-10666  | 2GB | DS | Samsung | SEC 904 HCH9 K4B1G0846D | -        | -    | • | • |
| <b>Kingtiger</b>     | KTG2G1333PG3        | 2GB | DS | -       | -                       | -        | -    | • | • |
| <b>PATRIOT</b>       | PSD31G13332H        | 1GB | DS | -       | -                       | 9        | -    | • | • |
| <b>PATRIOT</b>       | PSD31G13332         | 1GB | DS | Patriot | PM64M8D38U-15           | -        | -    | • | • |
| <b>PATRIOT</b>       | PSD32G13332H        | 2GB | DS | -       | -                       | -        | -    | • | • |
| <b>RAMAXEL</b>       | RMR1870ED48E8F-1333 | 2GB | DS | ELPIDA  | J1108BDBG-DJ-F          | -        | -    | • | • |
| <b>SILICON POWER</b> | SP001GBLTU133S01    | 1GB | SS | NANYA   | NT5CB128M8AN-CG         | 9        | -    | • | • |
| <b>SILICON POWER</b> | SP001GBLTU133S02    | 1GB | SS | elixir  | N2CB1680AN-C6           | 9        | -    | • | • |
| <b>SILICON POWER</b> | SP002GBLTU133S02    | 2GB | DS | elixir  | N2CB1680AN-C6           | 9        | -    | • | • |
| <b>TAKEMS</b>        | TMS1GB364D081-107EY | 1GB | SS | -       | -                       | 7-7-7-20 | 1.5V | • | • |
| <b>TAKEMS</b>        | TMS1GB364D081-138EY | 1GB | SS | -       | -                       | 8-8-8-24 | 1.5V | • | • |
| <b>TAKEMS</b>        | TMS2GB364D081-107EY | 2GB | DS | -       | -                       | 7-7-7-20 | 1.5V | • | • |
| <b>TAKEMS</b>        | TMS2GB364D081-138EY | 2GB | DS | -       | -                       | 8-8-8-24 | 1.5V | • | • |
| <b>TAKEMS</b>        | TMS2GB364D082-138EW | 2GB | DS | -       | -                       | 8-8-8-24 | 1.5V | • | • |
| <b>UMAX</b>          | E41302GP0-73BDB     | 2GB | DS | UMAX    | U2S24D30TP-13           | -        | -    | • | • |
| <b>WINTEC</b>        | 3WVS31333-2G-CNR    | 2GB | DS | AMPO    | AM3420803-13H           | -        | -    | • | • |

#### 4 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 overcloc





king may operate at a lower frequency than the vendor-marked value.