

**DDR3 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 |
| <b>AVEXIR</b>  | AVD3U26661104G-4CI   | 16GB ( 4x 4GB ) | DS    |            |          | 11-13-13-35 | 1.65    | •                              | •      | •      |
| <b>CORSAIR</b> | CMD16GX3M4A2666C10   | 16GB ( 4x 4GB ) | DS    |            |          | 10-12-12-31 | 1.65    | •                              | •      | •      |
| <b>G.SKILL</b> | F3-2666CL10Q-16GBZHD | 16GB ( 4x 4GB ) | DS    | -          | -        | 10-12-12-31 | 1.65    | •                              | •      | •      |
| <b>G.SKILL</b> | F3-2666CL11Q-32GTXD  | 32GB (8x 4GB)   | DS    |            |          | 11-13-13-35 | 1.65    | •                              | •      | •      |
| <b>GEIL</b>    | GOC316GB2666C11DC    | 16GB ( 4x 4GB ) | DS    |            |          | 11-13-13-32 | 1.65    | •                              | •      | •      |
| <b>GEIL</b>    | GOC332GB2666C11QC    | 32GB (8x 4GB)   | DS    |            |          | 11-13-13-32 | 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 **red** slots or the **black** slots as one pair of Dual-channel memory configuration
- **4 DIMM**: Supports 4 modules inserted into both the **red** 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 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 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
- 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