

# Pro WS X570-ACE

## DDR4 2133 Qualified Vendors List (QVL) of ECC memories

| Vendors         | Part No.         | Size | Timing      | Voltage | DIMM socket support (Optional) |        |        |
|-----------------|------------------|------|-------------|---------|--------------------------------|--------|--------|
|                 |                  |      |             |         | 1 DIMM                         | 2 DIMM | 4 DIMM |
| <b>SK Hynix</b> | HMA41GU7AFR8N-TF | 8GB  | 15-15-15-36 | -       | •                              | •      | •      |
| <b>SK Hynix</b> | HMA82GU7MFR8N-TF | 16GB | 15-15-15-36 | -       | •                              | •      | •      |
| <b>V-color</b>  | TE48G21S815      | 8GB  | 15-15-15-36 | 1.2     | •                              | •      | •      |

## DDR4 2666 Qualified Vendors List (QVL) of ECC memories

| Vendors         | Part No.             | Size | Timing      | Voltage | DIMM socket support (Optional) |        |        |
|-----------------|----------------------|------|-------------|---------|--------------------------------|--------|--------|
|                 |                      |      |             |         | 1 DIMM                         | 2 DIMM | 4 DIMM |
| <b>INNODISK</b> | M4C0-8GS1LCIK-E93    | 8GB  | 19-19-19-43 | 1.2     | •                              | •      | •      |
| <b>INNODISK</b> | M4C0-8GSSMCIK-E93    | 8GB  | 19-19-19-43 | 1.2     | •                              | •      | •      |
| <b>INNODISK</b> | M4C0-AGS1MCIK-E93    | 16GB | 19-19-19-43 | 1.2     | •                              | •      | •      |
| <b>SK Hynix</b> | HMA82GU7CJR8N-VK     | 16GB | 19-19-19-43 | 1.2     | •                              | •      | •      |
| <b>Micron</b>   | MTA18ASF4G72AZ-2G6B1 | 32GB | 19-19-19-43 | 1.2     | •                              | •      | •      |

## DDR4 2666 Qualified Vendors List (QVL) of ECC memories (SDRAM)

| Vendors         | Part No.      | Size | Timing      | Voltage | DIMM socket support (Optional) |        |        |
|-----------------|---------------|------|-------------|---------|--------------------------------|--------|--------|
|                 |               |      |             |         | 1 DIMM                         | 2 DIMM | 4 DIMM |
| <b>Kingston</b> | KSM26ED8/16ME | 16GB | 21-21-21-45 | 1.2     | •                              | •      | •      |
| <b>Kingston</b> | KSM26ES8/8ME  | 8GB  | 21-21-21-45 | 1.2     | •                              | •      | •      |

## DDR4 2933 Qualified Vendors List (QVL) of ECC memories

| Vendors        | Part No.    | Size | Timing      | Voltage | DIMM socket support (Optional) |        |        |
|----------------|-------------|------|-------------|---------|--------------------------------|--------|--------|
|                |             |      |             |         | 1 DIMM                         | 2 DIMM | 4 DIMM |
| <b>V-Color</b> | TE48G29S821 | 8GB  | 21-21-21-47 | 1.2     | •                              | •      | •      |

## DDR4 2933 Qualified Vendors List (QVL) of ECC memories

| Vendors         | Part No.              | Size | Timing      | Voltage | DIMM socket support (Optional) |        |        |
|-----------------|-----------------------|------|-------------|---------|--------------------------------|--------|--------|
|                 |                       |      |             |         | 1 DIMM                         | 2 DIMM | 4 DIMM |
| <b>Micron</b>   | MAT18ASF4G72AZ-32S2B1 | 32GB | 22-22-22-52 | 1.2     | •                              | •      | •      |
| <b>Kingston</b> | KSM32ED8/32ME         | 32GB | 22-22-22-52 | 1.2     | •                              | •      | •      |
| <b>innodisk</b> | M4C0-BGS2MCEM-E93     | 32GB | 22-22-22-52 | 1.2     | •                              | •      | •      |
| <b>SK Hynix</b> | HMAA4GU7CJR8N-XNT0    | 32GB | 22-22-22-52 | 1.2     | •                              | •      | •      |

#### 4-DIMM

- **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 A2 slots or the B2 slots that operates in a dual-channel memory configuration
- **4 DIMM:** Supports 4 modules inserted into all slots as two pairs DIMMs operating in a dual-channel memory configuration

- When installing a memory kit, please adhere to the DIMM slot priority cited in the “System Memory” section of the motherboard manual.

- Please ensure all memory modules are from a single validated kit. Do not combine DIMMs from multiple kits—even if they are the same make and model. Mixing and matching DIMMs can result in failure to boot and compatibility cannot be guaranteed.

- At default UEFI settings, the memory operating frequency depends on the Serial Presence Detect (SPD) profile the kit is programmed with, which is the standard way of accessing information from a module. To set the rated speed of the kit, please select **DOCP** or apply manual settings.

- The stability and compatibility of **DOCP** memory kits that operate beyond the JEDEC standard is not guaranteed because it can be affected by the capabilities of the CPU’s integrated memory controller, installed devices, and the operating frequency of associated bus domains.