General Memory Module Installation Guidelines

NOTE: The information provided in this document supersedes the information provided in your Hardware Owner's Manual.

To ensure optimal performance of your system, observe the following general guidelines when configuring your system memory.

NOTE: Memory configurations that fail to observe these guidelines can prevent your system from starting and producing any video output.

- All populated memory risers must have identical configurations.
- The memory configuration for each processor must be identical for optimal performance.
- Memory modules of different sizes can be mixed (for example, 2 GB and 4 GB). All populated channels need not have identical configurations. The mixed memory configurations must be of the size N+/-1.
- The memory speed depends on the processor bin.
- If quad-rank memory modules are mixed with single- or dual-rank modules, the quad-rank modules must be installed in the sockets with the white release levers.
- If memory modules with different speeds are installed, they operate at the speed of the slowest installed memory module(s). The memory speeds are also dependent on the processor bin.

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