

Attention!

Intel designed this thermal solution to ensure adequate cooling of your boxed Intel® Pentium® 4 processor in the 478-pin package. The thermal solution also provides increased shock and vibration protection during normal shipping and handling of assembled systems. To accomplish this, the thermal solution provides controlled compression on the processor and socket. This compression results in curvature in the motherboard. Therefore, to ensure proper installation and maximum reliability:

- Intel recommends that system integrators select only chassis with a minimum clearance of 0.250" [6.35mm] between the underside of the motherboard and the bottom of the chassis in order to guard against contact between the motherboard and the chassis.
- Do not use additional board stiffening devices (typically installed underneath the motherboard) with this thermal solution. Stiffening devices may significantly increase the compression and cause permanent damage to the processor or the board.

More information on integration considerations for the boxed Pentium 4 processor can be found at: <http://support.intel.com/support/processors/pentium4/tti016.htm>

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