

Boxed Intel® Pentium® II Xeon™ Processor Installation Notes



Failure to properly install and integrate the processor may void your warranty coverage.

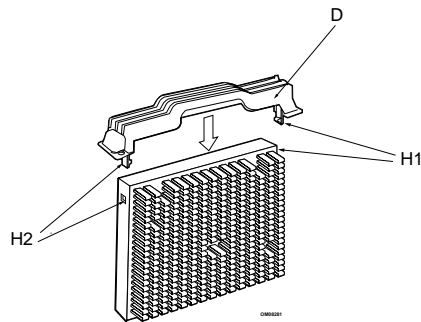
Integration Issues and Information

Before you install the processor(s) into a system, integration issues need to be considered. See document number 24544, “Integration Notes for the boxed Intel® Pentium® II Xeon™ Processor” on the World Wide Web at: <http://support.intel.com>.

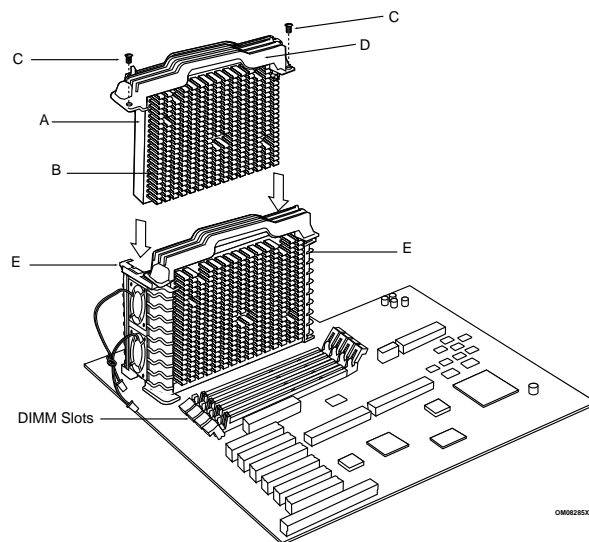
Ensure proper cooling and adequate airflow for the processor(s) by referring to document number 24545 “Thermal Management Notes for the Intel Pentium II Xeon processor” on the World Wide Web at <http://support.intel.com>.

Intel Pentium II Xeon processor specifications can be found on the on the World Wide Web at <http://developer.intel.com>. Refer to the “Intel Pentium II Xeon Processor Datasheet” Order number 2437701.

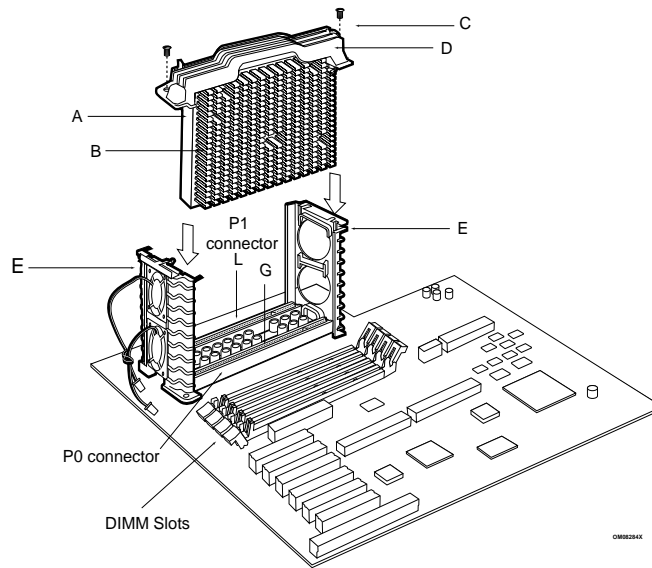
Install the retention mechanism(s) onto the motherboard using the motherboard manufacturer’s instructions. The illustrations shown in this manual correspond with the retention mechanisms that are supplied with the boxed Intel MS440GX workstation motherboard.



Attach the Dual Retention Mechanism (DRM) top (D) to the processor by snapping the clips (H1, H2) into the two recesses on the sides of the processor.

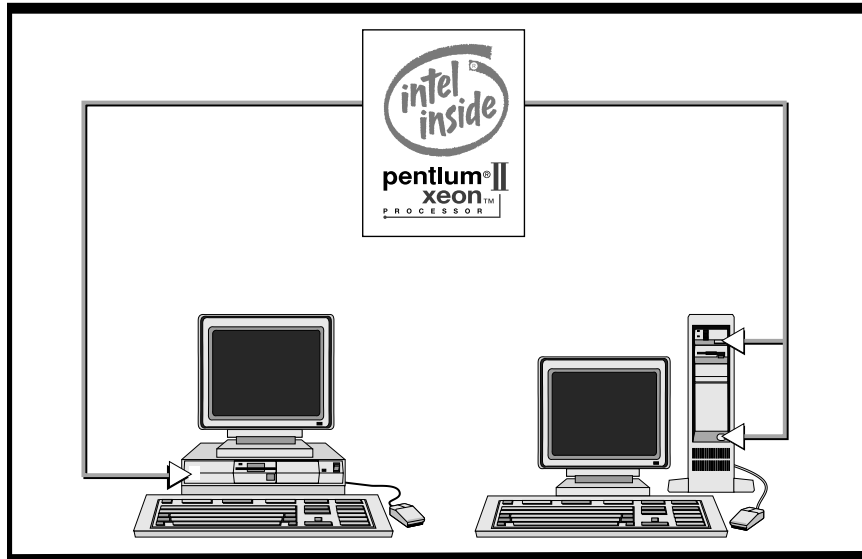


Orient the processor (A) so that the heatsink (B) faces the DIMM slots. Slide the processor into the retention mechanism (E) ensuring that the Dual Retention Mechanism (DRM) top screw holes align with the retention mechanism screw holes. Press down firmly until the processor is seated in the processor connector (G). Secure the DRM top (D) to the retention mechanism (E) using the appropriate screws (C). If this is a single processor system, install the termination card in the connector labeled P1 (L). Once the termination card is installed in the connector labeled P1 (L), secure the DRM top (D) to the retention mechanism using the appropriate screws (C).



To install a second processor, remove any termination card located in the processor connector labeled P1. Orient the second processor (A) so that the heat sink (B) faces the DIMM slots. Slide the processor into the processor retention mechanism (E). Press down firmly until it is seated in the processor connector labeled P1. Secure the DRM top (D) to the retention mechanism (E) using the appropriate screws (C).

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Place the Intel Inside® logo label on the front of the chassis as shown. Please do not place the label on the monitor, keyboard, disk drive, or other peripheral equipment.

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The Intel® Pentium® II Xeon™ processor may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request or on the World Wide Web at <http://developer.intel.com>.