

## Pentium® II Xeon™ processor product features

### **Thermal Sensor**

The Pentium® II Xeon™ processor includes advanced features to protect itself from catastrophic thermal conditions, such as the failure of a cooling fan or heat sink removal. An on-core thermal diode continuously monitors core temperatures and can initiate a smooth system shutdown before damage occurs. This prevents damage to the processor or the system, protecting the customer's investment. OEMs can incorporate the functionality of the thermal sensor into advanced hardware diagnostic applications to increase manageability and enhance overall system reliability.