

INTEL LAUNCHES 1GHz XEON


By Kevin Krewell {9/18/00-04}

Despite continued problems meeting demand for its fastest Pentium III processors, Intel has managed to introduce a 1.0GHz version of its Pentium III Xeon with 256K of L2 cache. This processor uses the same Coppermine die as the desktop Pentium III, but it is packaged in a

Slot-2 module for one- and two-way workstations and servers. This product launch marks the first processor targeted at the workstation and server markets to ship at 1GHz. The SPEC CPU2000 performance of the 1GHz Xeon should be the same as that of the Pentium III at 1GHz, which produced a 438 on SPECint_base2000 and a 327 on SPECfp_base2000 (running with an 840 chip set).

The 1GHz part replaces the 933MHz Xeon processor on Intel's pricing matrix and carries a \$50 premium over

the desktop Pentium III processor at the same speed. That premium buys the OEM an on-module voltage regulator and additional chip-monitoring capability for improved system monitoring and, presumably, greater reliability.

The Pentium III Xeon processor at 1GHz is available now in Slot-2 (SC330) packaging. The processor is priced at \$719 in 1,000-unit quantities. 

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