PL-P3/SMP

Slot 1 Server/Workstation CPU Upgrade Adapter

The PowerLeap PL-P3/SMP™ provides an economical CPU upgrade path for dual-CPU Slot 1 (Pentium II™- and Pentium III™-based) servers/workstations. With the innovative PL-P3/SMP, you can obtain significantly faster performance (up to 1.4GHz) from your server/workstation by upgrading to Intel Pentium III-S™ ("Tualatin" core, 512KB L2 cache) processors. The PL-P3/SMP™ also supports the Intel Pentium III 1.13/1.2GHz and Celeron 1.0A~1.4GHz CPU for single-CPU operation.

Features

- Supports the latest 0.13-micron Intel "Tualatin" processors, including the 1.13, 1.2, 1.26, and 1.4GHz Pentium III-S with 512KB L2 cache and the 1.0A, 1.1A, 1.2, 1.3, and 1.4GHz Celeron with 256KB L2 cache.

- Supports the 100/133MHz frontside bus.

- Provides precise control of core voltage (auto-setting of V/Core). Supports the "Tualatin" 1.45, 1.475, and 1.5 V/Core requirement even on motherboards that don't natively support these voltages.

- Provides an integrated high-capacity switching Voltage Regulator Module (VRM). Meets VRM specifications **8.5**, 8.4, 8.3, 8.2, and 8.1.

- Uses PowerLeap's patented Independent Power Source (IPS™) technology, bypassing the motherboard's voltage regulator. [US Patent 5,919,259, US Patent 5,938,769, Japan Patent 3042946, and Taiwan Patent 142112]

- Built with extremely high-quality components and board design to meet the mission-critical Pentium III-S™ server and workstation requirements.

- Includes the PowerLeap *Cache Configuration Utility**, a low-profile copper heatsink/fan (dual ball-bearing), customized power supply cable, Arctic Silver 3 polysynthetic thermal compound, and a removable retention cartridge.

- Supports dual-processing (SMP) for the Pentium III-S™ (server) processors.

- Offers many built-in Auto-Monitor and Auto-Protect features for server environments.

- 6-layer design offers outstanding signal quality.

* This utility is useful if your old BIOS can't enable the upgrade CPU's L1 or L2 cache. (To determine if the L1/L2 cache is enabled, use PowerLeap's *Quick CPU Finder* or a software utility such as CPU-Z or WCPUID.)