

Intel® Server Board S3000PT

For applications requiring high density, exceptional performance, and reduced footprint



Intended Use

- High Performance Computing (HPC) clusters
- High-density, distributed servers for Web and application hosting
- Small form factor appliances
- Network attached storage devices
- Desk-side clusters and personal supercomputers

Features and Benefits

- Small form factor (5.9" x 13") enables double the density over existing ATX boards in a 1U chassis, and adds flexibility to create compact system designs.
- Supports the leading processors including Intel's new Dual-Core Intel® Xeon® Processor 3000 Series, based on Intel® Core™ microarchitecture, which delivers world-class performance and superior energy/power efficiency.
- Maintains compatibility with other value Intel® processors such as Intel® Pentium® D, Intel® Pentium® 4, and Intel® Celeron® D for the greatest amount of flexibility.
- Supports Intel® Active Management Technology¹ for basic out-of-band management capabilities.
- Dual SATA 3.0 Gbps ports for fast access to internal storage devices.
- Dual Gigabit Ethernet improves data throughput for I/O-intensive applications.

¹ Intel® AMT requires the platform to have an Intel® AMT-enabled chipset, network hardware and software. The platform must also be connected to a power source and an active LAN port.

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Board Specifications

Processor Support	Dual-Core Intel® Xeon® Processor 3000 Series Intel® Pentium® D Processor Intel® Pentium® Processor Extreme Edition Intel® Pentium® 4 Processor Intel® Celeron® D Processor
System Bus Speed	1066 / 800 MHz (processor-dependent)
Chipset	Intel® 3000 Chipset
I/O Expansion	One PCI Express* x8 connector / x8 lane
Memory Capacity	Four DIMMS supporting up to 8 GB max DDR2 533 / 667 Un-Buffered ECC memory
Integrated Video	ATI* ES1000 with 16 MB onboard memory
Storage	Two SATA 3.0 Gbps ports
LAN	Two Integrated GbE Intel® 82573E / 82573V
Intel® RAID Support	Intel® SATA RAID supports RAID levels 0, 1
Server Management Support	Intel® Active Management Technology (Intel® AMT) ¹
Intel® Server Chassis Support	See complete list of third party reference chassis at www.intel.com/go/serverproducts

For more details on the Intel® Server Board S3000PT please see:
www.intel.com/go/serverproducts