

Helios X1101

- Single Quad Core/Eight Thread Intel® Xeon® 3400 Series Lynnfield Processor, or Single 32nm Clarkdale Series (Core i3, Pentium, and Celeron) Processor
- 14" Depth with 1x Internal SATA Drive Bay



Features

- 1U 14.0" half-depth server for lightweight, high density deployments
- Supports one high performance Intel® Xeon processor 3400 series (Lynnfield) or one cost effective 32nm Clarkdale Series (Core i3, Pentium, and Celeron) processor
- Integrated PCI Express 2.0 I/O
- Integrated Memory Controller (IMC)
- Supports Intel® Turbo Boost & Intel® Hyper-Threading technologies
- Supports IPMI 2.0 with remote management capabilities, helping to lower IT operating costs while increasing system uptime
- Provides excellent internal storage and I/O flexibility

Target Applications

- SMB environment: email/file/printing server, proxy, firewall
- Embedded applications: telecom, healthcare, industrial automation, security appliance, automotive
- Web farms: web and storage servers, rendering clusters

Specifications:

CPU Support

- Supports one high performance Intel® Xeon processor 3400 series (Lynnfield), based on Intel® Core™ microarchitecture (Nehalem)
- Also supports one cost effective 32nm Clarkdale Series (Core i3, Pentium, and Celeron) processor, based on the new Intel® Core™ Microarchitecture (Westmere)

Motherboard Chipset

- Intel® 3420 server chipset

Memory Support

- 4 x DIMMs DDR3 ECC or non-ECC memory slots through dual memory channels
- Supports 32GB registered memory or 16GB non-registered memory

Expansion Slot

- 1 x PCI-e x8 2.0 slot via riser card

On-Board Video and LAN

- On-board video controller with 16MB DDR2 memory
- On-board dual Intel® 82574L Gigabit Ethernet controllers

Storage

- Integrated SATA: 6 x SATA (3Gb/s) connectors with RAID 0 support

Server Management

- Supports Intelligent Platform Management Interface v.2.0
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Chassis

- 1U rack-optimized chassis
- 1 x fixed internal 3.5" SATA (3.0 Gb/s) hard disk drive bay
- 2 x front USB 2.0 ports
- 1 x 100mm blower fan
- 200 watt low noise high-efficiency (85%) AC-DC power supply with PFC

System Dimension

- 1.7" (43mm) x 16.8" (426mm) x 14.0" (356mm) (H x W x D)

Warranty

- Optional on-site service warranty



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