LP-4240
The LP-4240, Low Power Server

Essentials

Among the most popular and broadly deployed ultra low power systems is the Lopoco LP-4240. The LP-4240 is best utilized in environments where the workload is heavy, therefore effectively reducing power & HVAC costs by 80% while enabling higher densities with tremendous customer value. This compelling value proposition translates to better price/performance, better power/performance and better availability than current purpose-built servers. The amount of work done per dollar per watt is the core of the LP-4240 server. The LP-4240s are typically used as Big Data nodes (Hadoop clusters), key-value stores and database clusters. They are stellar virtualization and cloud performers thanks to their high computing power capabilities backed by strong I/O. The server's small footprint yet powerful I/O capabilities allows for very effective clustering solutions, significantly improving redundancy and reliability. Lopoco's energy efficient design features include ultra-high efficient power supply units right-sized for system requirements, simple yet effective thermal management, innovative system-level design efficiency, and highly efficient standards-based Energy Smart components.

Specifications
- Intel Xeon E3-1200 Series 2.40 GHz, 8M cache, 4-core, 8-thread
- Up to 32GB DDR3 ECC 1333/1066MHz UDIMMs; dual-channel memory
- 2x Intel® Gigabit Ethernet LAN ports
- Intel® C202 PCH Chipset
- Integrated IPMI 2.0

Software Support
Runs all recent x86 Operating Systems listed below (but not limited to):
- Linux RedHat Enterprise 4.x, 5.x, 6.x
- Ubuntu 9.x & 10.04 LTS
- Debian stable/testing
- FreeBSD 7.x, 8.x
- OpenBSD 4.x
- Windows Vista, 7

Power Consumption
- Idle: 25.6 Watts w/4 drives and 8Gb of memory
- Peak: 74.0 Watts w/4 drives and 8Gb of memory

Available Models
- LP-4240-2H   Up to 2 hot swap disks
- LP-4240-4H   Up to 4 hot swap disks
- LP-4240-8H   Up to 8 hot swap disks
- LP-4240-10H Up to 10 hot swap disks

A wide variety of rotating hard drives and SSDs can be ordered.

Deployments
Many LP-4240 servers are currently deployed in the field with various configurations, providing a myriad of services at a very low cost.

Availability & Pricing
- Available Immediately
- Please contact us for a preferred quote
- Prices start at $1,600.00

Warranty & Services
- All servers come with a limited 1 year depot warranty (parts and labor)
- An additional 3-year service contract is available

Contact:
E-mail: **sales@lopoco.com**
Web: **www.lopoco.com**
Tel: **(650) 906-9448**