

# 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 average most of the time, 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 Web, DNS, Mail, Storage, Monitoring, Cloud and Caching servers but can also fulfill office desktop requirements. 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-4240-2I Up to 2 internal disks
- 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

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](mailto:sales@lopoco.com)

Web: [www.lopoco.com](http://www.lopoco.com)

Tel: (650) 906-9448

Copyright © 2011, Lopoco Inc. All rights reserved.

