LP-4250 Family

The LP-4250 Low Power Server

Essentials

The LP-4250 family of ultra-efficient servers is our most popular model line. The LP-4250 family is best utilized for applications where the workload ranges from moderate to heavy, requiring occasional bursts of high CPU utilization. Effectively reducing power and HVAC costs by a combined 80% while enabling higher densities, this server achieves tremendous customer value. The LP-4250 server line lives up to the commodity hardware promise, unlike many blade-based designs. This compelling value proposition translates to better price/performance and better power/performance than current purpose-built servers. The amount of work done per dollar per watt is the core of the LP-4250 server, and far exceeds any other vendor's product. The LP-4250 line is typically used for Web, eMail, Database and File serving, and is perfect for balanced CPU-I/O cloud workloads. The LP-4250's higher clock rate lend it especially to database backed applications.   The server's small footprint yet powerful I/O capabilities allows for very effective clustering deployments, significantly improving redundancy and reliability. Lopoco's ultra-efficient server design includes quiet but effective thermal management, ultra-efficient power supplies and highly efficient standards-based Energy Smart components. Each server comes with a warranty that includes the specific power consumption figures, from idle to TDP.

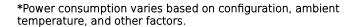## Power Consumption*

- Idle: 26.0 Watts
- Peak (TDP): 85 Watts

Specifications

- Intel Xeon E3-1265Lv2 64-bit processor, 2.5 GHz to 3.5 GHz turbo, 3M Intel Smartcache, 8 logical cores
- Up to 32 GB ECC DDR3 memory
- 2 x Intel Gigabit Ethernet LAN port
- IPMI 2.0 with separate LAN port, with nKVM

Software Support

Runs all recent X86 Operating Systems, including:

- All major Linux distributions (Redhat, Ubuntu, SUSE...)
- Microsoft Windows Server 7, 8
- FreeBSD and OpenBSD

*Power consumption varies based on configuration, ambient temperature, and other factors.

Available Models

- LP-4250-2H   Up to 2 hot swap disks (max. 4 TB)
- LP-4250-6H   Up to 6 hot swap disks (max. 12 TB)
- LP-4250-8H   Up to 8 hot swap disks (max. 16 TB)
- LP-4250-10H   Up to 10 hot swap disks (max. 20 TB)

A wide variety of rotating media disks and SSDs are available to order. One additional LAN card is also available.

Deployments

Many LP-4250 servers are currently deployed in the field with various configurations, providing a myriad of services at very low operating cost.

Availability & Pricing

- Available for immediate delivery
- Prices start at $1,530.00
- Please contact us for a preferred quote

Warranty, Support & Services

- All servers come standard with a limited one year, parts and labor depot warranty, including specific power consumption figures
- An additional 3-year service contract is available

Contact:

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