

LP-4290 Family

The LP-4290 Ultra Efficient Server

Essentials

The LP-4290 family of ultra-efficient servers is our most popular model line. The LP-4290 family is best utilized for applications where the workload ranges from moderate to heavy, requiring bursts of high single or double threaded CPU utilization. Effectively reducing power and HVAC costs by a combined 75% while enabling higher densities, this server achieves tremendous customer value. The LP-4290 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-4290 server, and far exceeds any other vendor's product. The LP-4290 line is typically used for Web, eMail, Database and File serving, and is perfect for balanced CPU-I/O cloud workloads. The LP-4290's higher clock rate lends it especially to database backed applications. The server's small power 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: 22.0 Watts
- Peak (TDP): 90 Watts

Specifications

- Intel Xeon E3-1260Lv5 64-bit processor, 2.9 GHz to 3.9 GHz turbo, 8M Intel Smartcache, 8 logical cores
- Up to 64 GB ECC DDR4 memory
- 2 x Intel Gigabit Ethernet LAN port
- Separate LAN port for IPMI and nKVM
- 10G Ethernet available – contact us for information

Software Support

Runs all recent X86 Operating Systems, including:

- All major Linux distributions (Redhat, Ubuntu, SUSE)
- Microsoft Windows Server & Hyper-V
- VMware vSphere

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



Available Models

- LP-4290-2I Up to 2 hot internal disks (max. 8 TB)
- LP-4290-2H Up to 2 hot swap disks (max. 8 TB)
- LP-4290-6H Up to 6 hot swap disks (max. 24 TB)
- LP-4290-8H Up to 8 hot swap disks (max. 32 TB)
- LP-4290-10H Up to 10 hot swap disks (max. 40 TB)

A wide variety of rotating media disks and SSDs are available to order. Additional LAN expansion cards are also available.

Deployments

Many LP-4290 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 approx. \$1,500.00US
- Fully built, populated and configured racks available
- 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
- Software pre-installation and configuration available
- An additional 2-year service contract is available

Contact:

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