HP ProLiant DL785 Server

Overview

The HP ProLiant DL785 G5 is a powerful and highly scalable eight-socket x86 server based on Quad-Core AMD® Opteron™ processor technology. By bringing together industry-standard technology, solution design and delivery, the DL785 drives a more affordable price point into the eight-socket x86 server market. The server is ideal for virtualization and scaling enterprise applications due to its processing power, large memory footprint, storage capacity and expandable I/O.

The DL785 enables customers to address infrastructure management, energy and space issues associated with server sprawl. The server is ideal for virtualized environments and infrastructure consolidation projects, helping customers better control operational costs through improved utilization.

The DL785 also uses HP Unified Infrastructure Management for quick and easy integration, which reduces costs and management complexity.

"We demand a lot from our HP ProLiant servers. Our transactional database applications require very high memory bandwidth and low latency, something the ProLiant DL585 has handled expertly for years," said Pete Wilson, systems manager, RiptownMedia.com. "The new, affordable eight-socket HP ProLiant DL785 offers an excellent avenue for scaling our database applications to meet our clients' increasing transactional volume, with low risk and high return."

Simple management adds value

A significant addition to the HP Adaptive Infrastructure portfolio, the DL785 is simple to setup, manage and expand as a business grows. The DL785 offers the same award-winning management tools – including HP Systems Insight Manager, HP Insight Control, HP Integrated Lights-Out 2 and HP ProLiant Essentials packs – that customers are accustomed to using with other ProLiant server models. In addition, memory, processor, drive and controller expansion are easy to add as business demands increase, due to enhanced scalability features.

Features and specifications

The DL785 has the most processor and memory scaling in the HP ProLiant server family with greater I/O flexibility and expansion capabilities. Key components include:

- 256 GB memory through 64 DIMM slots using 4 GB DIMMs with future support for 8 GB DIMMs and 512 GB of memory;

- 11 I/O expansion slots to support large virtualization and consolidation environments. Future release will include an upgrade option to support both HTx and PCIe I/O slots;

- Quad-Core AMD Opteron processor support;

- Upgradeable internal storage capacity to 16 HDD for a total of 2.3 terabytes of internal storage;

- Microsoft® Virtual Server, Oracle® VM and VMware ESX compatible; and,

- OS support for Microsoft Windows® Server, Linux and Sun Solaris.

Full specifications for the HP ProLiant DL785 G5 server are available at http://h71028.www7.hp.com/ERC/downloads/4AA1-8173ENW.pdf.

Availability and pricing

The HP ProLiant DL785 is expected to begin shipping in May with additional processor options becoming available in the following months. A configured system will start at an estimated U.S. street price of $17,000.[1]

About HP

HP focuses on simplifying technology experiences for all of its customers – from individual consumers to the largest businesses. With a portfolio that spans printing, personal computing, software, services and IT infrastructure, HP is among the world's largest IT companies, with revenue totaling $107.7 billion for the four fiscal quarters ended Jan. 31, 2008. More information about HP (NYSE: HPQ) is available at www.hp.com.

[1] Actual price may vary.

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