HP ProLiant ML350e Gen8 v2 Server

Essential performance with room to grow

New features

- Increased performance with the new Intel® Xeon® E5-2400 v2 processors
- New low voltage DIMMs running at 1,600 MHz to reduce energy bills
- Latest HP Smart Array controllers designed to maximize data availability, performance, and capacity
- Simplify user experience with the new configuration and management tool, HP Smart Storage Administrator
- First controller-based encryption solution to provide an extra level of data protection
- New dedicated graphics processing unit support for graphics-intensive applications

HP ProLiant ML350e Gen8 v2 Servers are flexible, expandable tower servers. They are the ideal choice for remote/branch offices, data centers, or small- to medium-sized businesses (SMBs) that require essential compute and expansion capabilities. This server incorporates the latest Gen8 innovations in storage, memory, and management, along with free shared storage via HP StoreVirtual VSA.

Introduction

Are you searching for a server to meet the requirements of your growing SMB?

The HP ProLiant ML350e Gen8 v2 Server delivers exceptional value in a less than 24-inch chassis depth for a business with a limited budget. Designed as a dual-socket tower server, it provides essential performance and features with great configuration flexibility and expandability.

With built-in innovations that simplify server deployment and management, your business can continue to reap the benefits on a daily basis, while expansion options allow you to grow as needed. Requiring only a low initial capital outlay, the HP ProLiant ML350e Gen8 v2 Server provides an excellent return on investment.

With the new HP Always-On Support Portfolio, you can:

• Resolve unplanned downtime 66 percent faster[1]

• Resolve support issues on the first attempt 95 percent of the time[2]

Key features and benefits

1. The right essentials for the budget conscious

• The Intel Xeon processor E5-2400 v2 product family offers the improved performance, efficiency, and security essential for everyday business needs.

• With embedded remote management technology, on-site server administration expenses are reduced and travel costs are eliminated.

• The high efficiency redundant power supplies and fans lower power consumption and reduce operational costs on a daily basis.

2. Designed to grow with your business

• The flexible design provides low-cost expansion capabilities as your business grows, giving you the ability to add a second processor, additional hard drive space, more memory, and more storage.

3. Built-in innovations simplify management and free up limited IT resources

• HP iLO simplifies server setup and enables remote management.

• HP Agentless Management provides built-in monitoring and alerting capabilities the moment the system is turned on.

• HP Active Health System provides continuous monitoring for stability and shorter downtimes.

• HP Intelligent Provisioning offers out-of-the-box single-server deployment and configuration without the need for physical media.

4. Proactive service and support to redefine service experience

The new HP Always-On Support portfolio features three levels of on-going customer support services and a comprehensive family of added value service offerings you can deploy as needed. The portfolio includes:

• HP Foundation Care—A portfolio of reactive hardware and software support services, significantly enhanced with the introduction of HP Collaborative Support.

• HP Proactive Care—Innovative, higher value support services leveraging new product technology and HP support infrastructure investments to achieve an unprecedented price point for proactive support.

• HP Data Center Care—Custom support agreements enabled by proprietary HP tools and analytics for customers with unique support requirements.

• HP Lifecycle Event Services—A complete portfolio of ad hoc services that reduce your time-to-value throughout the technology lifecycle.

[1] HP internal call center data, Q4'11
[2] HP Insight Remote Support operational metrics, Q4'11

Technical specifications

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Number of processors	One or two
Cores per processor	Four/six/eight
Processors supported	Intel Xeon E5-2400 series
Maximum processor frequency	2.5 GHz
Cache	Up to 25 MB L3
Maximum memory	192 GB (12 DIMM slots)
Networking ports (embedded)	(1) 1 GbE
Maximum Flexible LOM ports	None
Dedicated iLO/LO100 Port	Standard
Maximum storage drive bays	(8) LFF SAS/SATA/SATA SSD or (16) SFF SAS/SATA/SAS SSD or (4) LFF SATA Non-hot plug, depending on model
Maximum internal storage	32 TB
I/O expansion slots	(2) PCIe 2.0 (4) PCIe 3.0
Form factor	Tower (5U)
Management	HP iLO Management Engine (iLO 4), HP iLO Essentials (optional)
Warranty—(years) (parts/labor/onsite)	One/one/one

Customize your IT lifecycle management, from acquisition of new IT, management of existing assets, and removal of unneeded equipment. hp.com/go/hpfinancialservices

HP Factory Express provides customization and deployment services along with your storage and server purchases. You can customize hardware to your exact specifications in the factory—helping speed deployment. hp.com/go/factoryexpress

Gain the skills you need with ExpertOne training and certification from HP. With HP ProLiant server training, you will accelerate your technology transition, improve operational performance, and get the best return on your HP investment. Our training is available when and where you need it, through flexible delivery options and a global training capability. hp.com/learn/proliant

Support options for every need and budget

You can get the support you need for your HP ProLiant ML350e Gen8 v2 Server by choosing from one of a number of service packaged solutions we have designed to address a wider set of customer support needs. All three service recommendations include support services from the broader portfolio of HP Foundation Care and HP Proactive Care services.

Optimized—Supports maintaining servers at optimum performance availability
• HP ProLiant server hardware installation
• Three-year HP 24x7 four-hour response, HP Proactive Care

Standard—Support recommendation that maintains a high level of server availability
• HP ProLiant server hardware installation
• Three-year HP 24x7 four-hour response, HP Collaborative Support

Basic—Delivers the minimum recommended support service level
• HP ProLiant server hardware installation
• Three-year HP 24x7 four-hour response, hardware support onsite
• Three-year HP 24x7 software support for HP Insight Control

Support anywhere with HP Insight Online

HP Insight Online is a cloud-based infrastructure management and support portal available through the HP Support Center and powered by HP remote support technology. It provides a personalized dashboard for simplified tracking of IT operations and support information from anywhere, at any time. Use the HP Insight Online dashboard to track service events and support cases, view device configurations, and proactively monitor your HP contracts and warranties, as well as HP Proactive Service credit balances. It saves time, reduces complexity, and ensures uptime. And it's available at no additional cost as part of your HP warranty and contract services.[3]

Introducing free shared storage for HP ProLiant servers

HP StoreVirtual VSA is now available as a free download with this HP ProLiant Gen8 server. Starting 01 November 2013, each eligible HP ProLiant server purchased allows you to download HP StoreVirtual VSA software and activate a 1 TB capacity license. With HP StoreVirtual VSA you can have resilient shared storage for your virtualized applications on a truly converged infrastructure without increasing costs or footprint.

[3] The HP Support Center is available at no additional cost as part of your warranty, HP Care Pack Service, or contractual support agreement with HP.

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