

HP ProLiant DL360e Gen8 Server Series



Essential server features in an optimized 1U design



Value-priced performance

Get performance, reliability, and serviceability in a space-saving form at an affordable entry point

Automated energy optimization

Maximize the use of space, power, and cooling

Integrated lifecycle automation

Get systems online, troubleshoot, and deploy updates faster

For decades, IT systems have been getting incrementally faster and smaller. In the cloud era, it's now time to make them infinitely more intelligent and affordable as well. The HP ProLiant DL360e Server Series is ready to deliver the features you need at a price you can afford.

Chances are your business has felt it—the mounting pressure to support more applications and users, store growing amounts of data, and manage an increasingly complex IT environment. These challenges especially impact value enterprises, small- to medium-sized businesses (SMBs), and service providers where space is at a minimum and IT-related capital expenditures and maintenance costs are always a concern.

HP is delivering a new way forward for customers like you. Whether you have specific infrastructure needs such as a domain controller, business-critical application needs like file and print, or even a Microsoft® Windows® Server cluster environment, the HP ProLiant DL360e Server Series is ready to deliver the features you need at a price you can afford.

With the built-in intelligence of HP ProActive Insight Architecture, HP ProLiant DL360e Gen8 Servers are purpose-built for SMBs and low-cost enterprise use with the following features:

- Value-priced performance—Offers the performance, reliability, and serviceability of industry-leading HP servers in a space-saving form and affordable entry point
- Automated energy optimization—Enables a server infrastructure so intelligent it maximizes the use of space, power, and cooling
- Integrated lifecycle automation—Built-in features such as HP Intelligent Provisioning, HP Active Health, and HP Smart Update empower you with the insight to keep your systems running at peak performance with minimal downtime and effort.

Key features and benefits

Essential features for the IT needs of value-focused customers

- Addresses various business requirements via built-in technologies with a low initial acquisition cost that delivers great value for your investment
- Supports up to two Intel® Xeon® E5-2400 v2 processors offering the improved performance, efficiency, and security essential for everyday business needs
- Prevents data loss and downtime via HP SmartMemory, which offers enhanced error handling while improving performance and power efficiency with speeds of up to 1,600 MHz at low voltage (maximum memory supported is 384 GB)
- Maximizes data availability, performance, and capacity via the latest HP Smart Array Controllers
- Provides 4 x 1 GbE network ports and two I/O slots to deliver sufficient network and I/O scalability to meet all the general business requirements of value-focused enterprises



The HP ProLiant DL360e Gen8 Server is designed for the essential needs of SMBs and service providers with enhanced manageability, serviceability, and efficiency features.

Optimized design, efficiency, and scalability for hyperscale environments

- Delivers an affordable solution in a dense 1U rack design, enabling scale-out as requirements increase
- Provides embedded quad port NIC, two PCIe slots, and 12 DIMM slots for optimal internal expansion capabilities needed in distributed computing environments like Hadoop and NoSQL
- Provides 96 percent server power efficiency¹ to reduce power consumption with HP Common Slot Power Supplies while the HP Automated Energy Optimization reclaims space, power, and cooling resources needed for workloads and extends your data center capacity
- Helps you conserve energy and save money via ENERGY STAR® qualified server configurations

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

- Simplifies server management and maintenance tasks with embedded management tools, enabling quick and simple deployment (HP Intelligent Provisioning), system health monitoring, (HP Active Health System) and ease of firmware updates (HP Smart Update Manager)
- Provides a single display screen all for HP Smart Storage products and solutions via the HP Smart Storage Administrator management and configuration application
- Incorporates user-inspired design features such as HP SmartDrives, HP Smart Socket guides, “Easy Install” rail kit options, and tool-less access to components to help prevent data loss, reduce downtime, and improve serviceability

¹Based on the power supply rating

Technical specifications

While the HP ProLiant DL360p Gen8 Server is an enterprise product designed for high-performance workloads with adaptability for future requirements, the HP ProLiant DL360e Gen8 Server redefines the entry rack segment with breakthrough technologies and flexible options, making it the ideal choice for space-challenged and value-focused enterprises and SMBs.



	HP ProLiant DL360e Gen8 Server Essential features in an optimized 1U design	HP ProLiant DL360p Gen8 Server Performance-driven compute and storage density	HP ProLiant DL360 G7 Server Performance, efficiency, capacity, and reliability in 1U compute space
Drive description	8 SFF SAS/SATA/SSD or 4 LFF SAS/SATA/SSD	8 SFF or 10 SFF SAS/SATA/SSD or 4 LFF SAS/SATA/SSD	4 SFF or 8 SFF SAS/SATA/SSD
Storage type	Hot plug SFF 2.5-inch SAS Hot plug SFF 2.5-inch SATA Hot plug SFF 2.5-inch SSD Hot plug LFF 3.5-inch SAS Hot plug LFF 3.5-inch SATA Hot plug LFF 3.5-inch SSD	Hot plug SFF 2.5-inch SAS Hot plug SFF 2.5-inch SATA Hot plug SFF 2.5-inch SSD Hot plug LFF 3.5-inch SAS Hot plug LFF 3.5-inch SATA Hot plug LFF 3.5-inch SSD	Hot plug SFF 2.5-inch SAS Hot plug SFF 2.5-inch SATA Hot plug SFF 2.5-inch SAS SSD Hot plug SFF 2.5-inch SATA SSD
Cache	Up to 25 MB L3	Up to 30 MB L3	Up to 12 MB L3
Processor family	Intel Xeon E5-2400/ 2400 v2 family	Intel Xeon E5-2600/ 2600 v2 family	Intel Xeon 5600 series
Number of processors	1 or 2	1 or 2	1 or 2
Cores per processor	4/6/8/10	2/4/6/8/10/12	2/4/6
Maximum processor speed	2.5 GHz	3.5 GHz	3.46 GHz
Maximum memory	384 GB (12 DIMM slots)	768 GB (24 DIMM slots)	192 GB (18 DIMM slots)
Memory type	DDR3 RDIMM, LRDIMM, UDIMM	DDR3 RDIMM, UDIMM, LRDIMM	DDR3 RDIMM or UDIMM
Memory protection features	Advanced ECC, online spare, memory lock-step mode	Advanced ECC, online spare, memory lock-step mode	Advanced ECC, mirrored memory, online spare (5600 series)
Network controllers	1 Gb 4P 366i Ethernet adapter	HP FlexibleLOM 1 Gb 331FLR Ethernet adapter or HP FlexibleLOM 10 Gb 2-port 530FLR-SFP+ Ethernet adapter	Two HP NC382i dual-port multifunction gigabit server adapters
Storage controllers	Smart Array B320i/ Smart Array B120i SATA RAID	Smart Array P420i Controller	Smart Array P410i Controller
Expansion slots	1 x PCIe Gen3 slot for full height and half-length, and 1 x PCIe Gen2 low profile option card	2 x PCIe 3.0 slots for x16 full-height and half-length, and x8 low profile option cards	2 x PCIe Gen2 slots for x16 full-length, full-height option cards
Remote management software	HP Insight Control with iLO Advanced	HP Insight Control with iLO Advanced	HP Insight Control with iLO Advanced
Form factor	Rack (1U)	Rack (1U)	Rack (1U)
System fans features	Hot plug fully redundant	Hot plug fully redundant	Hot plug fully redundant
Power supply type	Hot plug redundant power supply	Hot plug redundant power supply	Hot plug redundant power supply
Graphic card	Quadro K4000	Not supported	Quadro 4000
Warranty – (years) (parts/labor/onsite)	3/1/1	3/3/3	3/3/3

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

Product pages

hp.com/servers/dl360e
hp.com/servers/dl360p

HP ProLiant DL360e Gen8 QuickSpecs

h18000.www1.hp.com/products/quickspecs/14327_div/14327_div.html

HP ProLiant DL360p Gen8 QuickSpecs

h18000.www1.hp.com/products/quickspecs/14211_na/14211_na.pdf

HP Qualified Options

h18004.www1.hp.com/products/servers/options/qualified-options.html

² 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

What's new

- HP iLO Management Engine—Provides a lifecycle approach to deploying and managing the server, and automatically regulates power consumption and server performance
- Smart Socket guide—Enables intelligent, precise, and quick processor installation or upgrade, which lowers the risk of downtime for your business
- Intel Xeon 2400/ 2400 v2 series processors—Optimizes efficiency and performance with more cores
- PCIe risers, ball bearing rail kits, and cable management—Allow for fast access, quick updates, and all-around improved serviceability
- HP SmartMemory—Authenticates memory, helping confirm the highest quality standards are met
- HP SmartDrive with intuitive drive activity—Provides new, more intuitive drive activity and status indicators that enhance serviceability for easier management and reduced maintenance errors
- HP ProLiant Sea of Sensors 3D—Enables energy savings by providing a complete 3D view of temperature in the server so server fans can direct cooling to where it's most required
- ENERGY STAR certified—Helps you conserve energy and save money through a program qualified by the U.S. Environmental Protection Agency

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.²

Learn more at

hp.com/go/proliantgen8

Sign up for updates
hp.com/go/getupdated



Share with colleagues



Rate this document

© Copyright 2012–2013 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation. Intel and Xeon are trademarks of Intel Corporation in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government.

4AA4-1984ENW, December 2013, Rev.2

