



HP ProLiant DL360e Gen8 servers

Get essential server features in an optimized 1U design

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 and small and midsize businesses (SMBs) where space is at a minimum and IT-related capex and maintenance costs are always a concern.

HP believes that a new way forward is needed for these cost-conscious customers. For decades, IT systems have been getting incrementally faster and smaller. In the cloud era, it's now time to also make them infinitely more intelligent and affordable. Whether you have specific infrastructure needs such as a domain controller, business-critical application needs like file and print, or even a 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 is purpose built for SMBs and low cost enterprises 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 use of space, power, and cooling.
- **Integrated lifecycle automation:** helps get systems online 3x faster, troubleshoot 5x faster, and deploy updates 3x faster with built-in features such as Intelligent Provisioning, Active Health, and Smart Update

What's new

HP ProLiant DL360e Gen8 is designed for essential needs of SMBs and Enterprise class customers with enhanced manageability, serviceability and efficiency features.

New features include:

- **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 series processors:** optimized efficiency and performance with more cores.
- **PCIe risers, ball bearing rail kits, cable management:** allow for fast access, quick updates and all-around improved serviceability.
- **HP SmartMemory:** authenticates memory, helping confirm that 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.
- **ProLiant Sea of Sensors 3-D:** enables energy savings by providing a complete 3-D view of temperature in the server so that 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.

Key benefits and features

Manage easier. Service easier. Worry less.

Industry-leading management and serviceability make HP ProLiant DL360e an enterprise-class product—and offer you unprecedented peace of mind.

- HP Active Health System provides 24x7 continuous health monitoring, 100 percent configuration change logging, and faster problem analysis with HP Service and Support.
- Agentless hardware monitoring and alerting capabilities are built in with HP Agentless Management. Connect a power cord and an Ethernet cable, and it all starts working. It's that simple.
- New HP Insight Online provides one-stop, anywhere-anytime management. Monitor, manage, and support your infrastructure remotely, plus get seamless integration with HP Support Center and HP Insight Remote Support v7.
- Intelligent Provisioning takes strengths from products such as SmartStart, Smart Update Manager, and ProLiant Support Packs, enhances them with the latest ease-of-use features, and places them where you can use them instantly on the system board.
- User-inspired design features anticipate your needs and virtually eliminate common issues that result in downtime, including HP SmartDrive carriers, Smart Socket guides, "Snap and Go" rail kit options, enhanced cable and mechanical design.

Get the features you need with the performance you want. Fulfill essential needs.

HP ProLiant DL360e Gen8 servers deliver all the essential features you're looking for in sleek 1U rack designed for space-constrained environments.

- HP SmartMemory extracts all of the memory performance, dependability, and power savings ProLiant Gen8 is designed to deliver. A new 32 GB LRDIMM gives a maximum capacity of 384 GB, and new 1600 MHz speed memory options boost performance even more.
- Up to two of the latest Intel® Xeon® E5-2400 Processors with 4, 6, and 8 core solutions, frequencies from 1.8 GHz to 2.4 GHz and power levels 60 to 95 Watts.
- Embedded 1GbE quad-port 366i Network Adapter with 10GbE NIC options supported.
- Up to four LFF or eight SFF HP SmartDrives with intuitive drive activity and status indicators that enhance serviceability for easier management and reduced maintenance errors. Maximum internal storage of 12 TB.
- New Dynamic Smart Array RAID controller and support for HP Smart Storage including PCIe 3.0, HP SmartDrives, and HP Flash Backed Write Cache with capacity up to 2 GB on Smart Array.

Keep it cool—and efficient. Lower cost of operation.

Intelligent server and infrastructure technologies reduce the power and airflow needed to operate the HP ProLiant DL360e Gen8 for high-energy efficiency and a lower cost of operation.

- Automated energy optimization improves the server's ability to analyze and respond to the industry's first 3-D Sea of Sensors data within the server, as well as self-identify location and inventory through Insight Control for maximum workload optimization across the entire data center.
- Right-sized ProLiant power supplies meet exact needs, reclaiming lost data center power. Less over-subscription means more capacity opportunity. HP Power Adviser selects the appropriate size power supply.
- Industry-first high-efficiency HP Platinum Plus power supplies (460W, 750W) communicate with an HP Intelligent PDU to automatically track servers as they are plugged in and help ensure that redundant power supplies are actually plugged into redundant PDUs.
- ENERGY STAR® qualified server configurations demonstrate HP's continued commitment to helping you conserve energy and save money. High-efficiency processor options provide the additional flexibility to minimize power requirements without compromising performance.

Rethink what support can be. Increase uptime and save manual effort.

The new ProLiant family helps you proactively resolve issues, accelerate problem resolution, gain valuable insights into your data center operations—and reclaim the time of system administrators.

- HP Insight Online transforms the support experience by combining event monitoring, asset management, and service warranty information together into the industry's first comprehensive cloud-based support portal. Manually managing paper contracts and warranties is a thing of the past.
- Proactive Support Services, designed for next-generation server platforms, improves infrastructure uptime and performance with an integrated management and support experience delivered onboard the system, remotely, and online.
- HP ServiceONE partners provide responsive services tailored to your unique business needs. Our qualified partners leverage HP ProActive Insight architecture, innovative services, and leading-edge delivery capabilities to provide superior value.

Technical specifications

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

Technical specifications



	HP ProLiant DL360e Gen8	HP ProLiant DL360p Gen8	HP ProLiant DL360 G7
Drive description	8 SFF SAS/SATA/SSD or 4 LFF SAS/SATA/SSD	10 SFF SAS/SATA/SSD or 8 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	20 MB L3 15 MB L3 10 MB L3	20 MB L3 15 MB L3 10 MB L3 5 MB L3	12 MB L3 8 MB L3 4 MB L3
Processor family	Intel® Xeon® E5-2400 family	Intel® Xeon® E5-2600 family	Intel® Xeon® 5600 series
Processor number	1 or 2	1 or 2	1 or 2
Processor core available	8, 6, or 4	8, 6, 4, or 2	6, 4, or 2
Maximum processor speed	2.4 GHz	3.3 GHz	3.46 GHz
Memory slots	12 DIMM slots	24 DIMM slots	18 DIMM slots
Memory max	384 GB	768 GB	192 GB
Memory type	DDR3 RDIMM, LRDIMM, UDIMM	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	1Gb 4P 366i Ethernet adapter	HP FlexibleLOM 1Gb 331FLR Ethernet adapter or HP FlexibleLOM 10Gb 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	1x PCIe Gen3 slots for full height, half-length and 1x PCIe Gen2 low profile option cards	2x PCIe 3.0 slots for x16 full-height, half-length, and x8 low profile option cards	2x 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 chassis	Rack	Rack	Rack
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 4000	Does not support	Quadro 4000
Full configuration form factor	1U	1U	1U
Warranty (parts-labor-onsite)	3/1/1	3/3/3	3/3/3

For more information

HP ProLiant DL360e Gen8 website:
hp.com/servers/dl360e-gen8

HP ProLiant DL360e QuickSpecs:
h18000.www1.hp.com/products/quickspecs/14327_div/14327_div.html

HP Qualified Options website:
h18004.www1.hp.com/products/servers/options/qualified-options.html

HP Technology Services

HP Factory Express

HP Factory Express is designed to help you get a better return from your IT investment by providing customization, integration, and deployment services along with your storage and server purchases. It provides predictable, trusted, and tested IT solutions tailored to your business needs. We allow you to customize hardware to your exact specifications in the factory—helping to speed up deployment and free up internal resources. Learn more at hp.com/go/factoryexpress.

Customer technical training

Consider education as an integral part of your strategy to get the best return on investment for your HP storage solution. HP offers a variety of training courses on storage software, networking, archiving, and disk storage systems. Our classes are available in many delivery modalities from traditional instructor-led courses at one of our 80 training centers worldwide to on-site training customized to your needs or online. Learn more at hp.com/learn/storage.

Financial services

HP Financial Services provides innovative financing and financial asset management programs to help you cost-effectively acquire, manage, and ultimately retire your HP solutions. For more information, contact your HP representative or visit hp.com/go/hpfinancialservices.

Get connected

hp.com/go/getconnected

Current HP driver, support, and security alerts delivered directly to your desktop

© Copyright 2012 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.

Windows Server is a U.S. registered trademark 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, Created June 2012; Updated June 2012, Rev. 1

