Data sheet

HP ProLiant DL380 Gen9 Server

The no-compromise data center standard

Future-proof design with flexible options
Choose the features/functions you need now; add more as necessary as your business needs grow; the modular chassis, networking, and controller designs allow for easy upgrades. Pay for what you need, when you need it.

Industry-leading performance and energy efficiency
For delivering faster business results and quicker returns on your investment; Up to 70 percent performance gain from the Intel® Haswell E5-2620 v3 processors and ENERGY STAR® rated systems drive down energy costs with 94 percent efficient power supplies.

Agile infrastructure management
For accelerating IT service delivery; streamline management with HP OneView—a revolutionary converged management platform that delivers automation simplicity across servers, storage, and networking.

Tomorrow’s benchmark for multi-workload compute

Purpose-built for flexibility, efficiency, and manageability
As the world’s best-selling server, the HP ProLiant DL380 Server is designed to adapt to the needs of any environment, from large enterprise to remote office/branch office. With Gen9, the DL380 just got better, offering enhanced reliability, serviceability, and continuous availability, backed by a comprehensive warranty.

With the HP ProLiant DL380 Gen9 Server, you can deploy a single platform to handle a wide variety of enterprise workloads:

- **Virtualization**—Consolidate your server footprint by running multiple workloads on a single DL380
- **Big Data**—Manage exponential growth in your data volumes—structured, unstructured, and semi-structured
- **Storage-centric applications**—Remove bottlenecks and improve performance
- **Data warehousing/analytics**—Find the information you need, when you need it, to enable better business decisions
- **Customer relationship management (CRM)**—Gain a 360-degree view of your data to improve customer satisfaction and loyalty
- **Enterprise resource planning (ERP)**—Trust the DL380 Gen9 to help you run your business in near real time
- **Virtual desktop infrastructure (VDI)**—Deploy remote desktop services to provide your workers with the flexibility they need to work anywhere, at any time, using almost any device
- **SAP®**—Streamline your business processes through consistency and real-time transparency into your end-to-end corporate data

To support your heterogeneous IT environment, the DL380 Gen9 Server supports Microsoft® Windows® and Linux® operating systems, as well as VMware® and Citrix® virtualization environments.

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1 Q114 IDC WW Quarterly Server Tracker, 30th May 2014.
2 Intel performance testing, comparing measurements on platform with two E5-2697 v2 (12C, 2.7 GHz), 8x8 GB DDR3-1866, RHEL 6.3 vs. platform with two E5-2697 v3 (14C, 2.6 GHz, 145 W), 8x8 GB DDR4-2133, RHEL 6.3, April 2014.
3 94 percent efficient (Platinum Plus) HP Flexible Slot Power Supplies.
4 HP OneView support is available for ProLiant Gen9 in DL and BL server models only. Expected availability is December 2014.
## HP Services

Let HP help guide you to the New Style of IT. HP Technology Services delivers confidence, reduces risk, and helps you realize greater agility and stability.

- **Our Consulting** services provide advice and guidance to safely move your workloads to newer technologies.
- HP implementation and installation services enable faster, more reliable startup of your new ProLiant Gen9 servers, and our support portfolio allows you to get connected and get back to business fast.
- We recommend HP **Proactive Care** for ProLiant Gen9 servers to prevent issues and resolve problems quickly and efficiently.
- HP **Foundation Care** provides a choice of coverage levels and response times for hardware and software support.
- HP **Datacenter Care** enables you to operate and evolve your IT environment at a lower cost and with more agility, including our **Flexible Capacity Service** to acquire IT without impacting capital budget.
- Our support technology lets you tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

Learn more at [hp.com/servers/DL380gen9](http://hp.com/servers/DL380gen9)

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### Technical specifications

In the following table, **bold italic** text designates a new or improved feature, as compared to the HP ProLiant DL380p Gen8 Server.

| **Compute** | Up to two Intel® Xeon® E5-2600 v3 series, 4/6/8/10/12/14/16/18 cores; PCIe 3.0, up to six available slot(s) |
| **Memory** | HP SmartMemory (24) DDR4, up to 2,133 MHz (768 GB max) |
| **Storage** | Standard HP Dynamic Smart Array B140i, choice of HP Flexible Smart Array or HP Smart SAS HBA controllers |
| **FBWC** | 2 GB DDR3-1,866 MHz, 72-bit wide bus at 14.9 GB/s on P440ar |
| **Battery** | HP DL/ML/SL 96 W Smart Storage Battery |
| **HP SmartDrives** | 24 + 2 SFF/12 + 3 LFF max, HDD/SSD |
| **Networking** | 4 x 1GE Embedded + choice of FlexibleLOM + Standup |
| **VGA/serial/USB ports/SD** | Front VGA opt, rear VGA, and serial standard, 6 USB 3.0, microSD |
| **GPU support** | Single-/double-wide and active/passive up to 10.5" (3) |
| **On Premise management** | HP OneView® and HP ILO Advance |
| **On Cloud management** | HP Insight Online with enhanced mobile app |
| **On System management** | Changes in HP ILO, HP Smart Update Manager (HP SUM), Intelligent Provisioning and scripting tools; plus the new UEFI and HP RESTful Interface Tool |
| **Power and cooling** | 94 percent efficient with Flexible Slot FF Hot plug fans with full N + 1 redundancy, optional high performance fans |
| **Industry compliance** | ASHRAE A3 and A4, lower idle power, and ENERGY STAR |
| **Power discovery services** | Supported |
| **Location discovery services** | Optional |
| **Form factor/Chassis depth** | Rack (2U), 26.75" (SFF), 28.75" (LFF) |
| **Serviceability—easy install rails** | Standard |
| **Warranty** | 3/3/3 |

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**QuickSpecs:**


1 HP OneView support is available for ProLiant Gen9 in DL and BL servers expected later in 2014.

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