



# HPE PROLIANT DL380 GEN10 PLUS SERVER

## ProLiant DL300 Servers



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### WHAT'S NEW

- Supports 3rd Generation Intel® Xeon® Scalable Processors.
- Support for PCIe Gen4, resulting in improved bandwidth and throughput.
- Support for industry-standard OCP 3.0 Network Adapters.
- Support for Trimodal (NVMe/SAS/SATA) HPE Smart Array controllers.

### OVERVIEW

Do your servers need increased performance in storage, compute, or expansion?

The HPE ProLiant DL380 Gen10 Plus server is adaptable for diverse workloads and environments, providing you with the right balance of expandability and scalability. Designed for supreme versatility and resiliency, this 2U/2P platform is capable for deployment in multiple environments, built on 3rd Generation Intel® Xeon® Scalable Processors, and backed by a comprehensive warranty. Equipped with PCIe Gen4 capabilities, the HPE ProLiant DL380 Gen10 Plus server offers improved data transfer rates and higher networking speeds.

## FEATURES

### **Built for Some of the Most Demanding Workloads**

The HPE ProLiant DL380 Gen10 Plus server is built with foundational intelligence to transform IT with insights that enhance workload performance, placement, and efficiency, delivering better outcomes faster.

Provide real-time operational feedback on server performance and recommendations for fine-tuning BIOS settings to customize for changing business needs.

### **360-degree Holistic Security**

The HPE ProLiant DL380 Gen10 Plus server provides an enhanced, holistic, 360-degree view to security that begins in the manufacturing supply chain and concludes with a safeguarded, end-of-life decommissioning.

HPE ProLiant security begins with the corruption-free manufacture of the server and auditing the integrity of every component – hardware and firmware – to provide verification that the server begins its lifecycle uncompromised through the supply chain.

HPE ProLiant servers provide rapid detection of a security-compromised server, even to the point of not allowing it to boot, verify containment of malicious code, and protect healthy servers.

HPE ProLiant servers provide automated recovery from a security event, including restoration of validated firmware, and facilitating recovery of operating system, application and data connections, providing the fastest path to bring a server back online and into normal operations.

When it's time to retire or repurpose an HPE ProLiant server, one button secure erase speeds and simplifies the complete removal of passwords, configuration settings and data, preventing inadvertent access to previously secured information.

### **Intelligent Management Automation**

The HPE ProLiant DL380 Gen10 Plus server simplifies and automates management tasks, establishing a solid foundation for an open, hybrid cloud platform enabled by composability.

Embedded in HPE servers, HPE Integrated Lights-Out (iLO) is an exclusive core intelligence that monitors server status, providing the means for reporting, ongoing management, service alerting, and local or remote management to quickly identify and resolve issues.

Automation and software defined control reduces time spent on provisioning and maintenance, as well as reduces deployment times from weeks to mere days.

HPE InfoSight for servers continually analyzes server infrastructure and applies real-world examples of hundreds of thousands of servers to predict and prevent problems before they can adversely affect business operations.

### **Available in an As-a-Service Experience**

The HPE ProLiant DL380 Gen10 Plus server is supported by HPE GreenLake to simplify IT infrastructure management across your entire hybrid estate. With 24x7 monitoring and management, our experts do the heavy lifting to manage your environment with services built into consumption-based solutions.

Hewlett Packard Enterprise provides customers choice in how they acquire and



consume IT beyond traditional financing and leasing, offering options that free trapped capital, accelerate infrastructure updates, and provide on-premises pay-per-use consumption with HPE GreenLake.



## Technical specifications

## HPE ProLiant DL380 Gen10 Plus server

<b>Processor Name</b>	3rd Generation Intel® Xeon® Scalable Processors
<b>Processor family</b>	3rd Generation Intel® Xeon® Scalable Processors
<b>Processor core available</b>	16 to 40 core, depending on processor
<b>Processor speed</b>	3.1 GHz maximum, depending on processor
<b>Power supply type</b>	Dual hot-plug redundant 1+1 HPE Flexible Slot Power Supplies (2.6")
<b>Expansion slots</b>	8, for detailed descriptions refer to the QuickSpecs
<b>Maximum memory</b>	8.1 TB - RDIMM (4 TB per processor), 11.2 TB - LRDIMM and Intel® Optane™ (5.6 TB per processor with 8x LRDIMM and 8x 512 GB Intel Optane)
<b>Memory, standard</b>	16 GB (1 x 16 GB) RDIMM
<b>Memory slots</b>	32
<b>Memory type</b>	HPE DDR4 SmartMemory
<b>Memory protection features</b>	RAS – Advanced ECC, online spare, mirroring, combined channel (lockstep) functionality, and HPE Fast Fault Tolerant Memory (ADDDC) Intel® Optane Persistent Memory
<b>Included hard drives</b>	None ship standard, SFF and LFF drives supported
<b>Optical drive type</b>	Optional DVD-ROM Optional via Universal Media Bay External support only
<b>System fan features</b>	Hot-plug redundant fans, standard
<b>Network controller</b>	Intel I350 1GbE 4 port Base-T OCP3 adapter or Broadcom 57416 10GbE 2 port Base-T adapter and/or optional network adapters depending on model
<b>Storage controller</b>	HPE SR932i-p and/or HPE SR416i-a and/or HPE MR216i-a and/or HPE MR416i-a and/or HPE MR216i-p and/or HPE MR416i-p and/or HPE Smart Array P816i-a SR and/or HPE Smart Array E208i-a SR and/or HPE Smart Array P408i-a SR and/or HPE Smart Array E208i-p SR and/or HPE Smart Array E208e-p SR and/or HPE Smart Array P408e-p SR and/or HPE Smart Array P408i-p SR
<b>Infrastructure management</b>	HPE iLO Standard with intelligent provisioning (embedded), HPE OneView Standard (requires download) (standard) HPE iLO Advanced, and HPE OneView Advanced (optional, requires licenses)
<b>Warranty</b>	3/3/3: Server Warranty includes three years of parts, three years of labor, and three years of onsite support coverage. Additional information regarding worldwide limited warranty and technical support is available at: <a href="http://h20564.www2.hp.com/hpsc/wc/public/home">http://h20564.www2.hp.com/hpsc/wc/public/home</a> . Additional HPE support and service coverage, to supplement the product warranty, is available. For more information, visit <a href="http://www.hp.com/support">http://www.hp.com/support</a>
<b>Drive supported</b>	8 or 12 LFF SAS/SATA/SSD 8, 10, 16, 18 or 24 SFF SAS/SATA/SSD, 2 M.2 SATA SSD standard on primary riser, depending on configuration, 8 SFF mid-tray optional, 6 SFF rear drive optional or 4 LFF mid tray optional, 3 LFF rear-drive optional and 2 SFF or 2 Dual UFF rear-drive optional, 20 SFF NVMe optional, NVMe support via Express Bay will limit maximum drive capacity, depending on model



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

### **Operational Services from HPE Pointnext Services**

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

- **[HPE Datacenter Care](#)** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

### **Other related services**

**[Defective Media Retention](#)** is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

**[HPE Service Credits](#)** offers a menu of technical services, access additional resources, and specialist skills.

**[HPE Education Services](#)** delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE GREENLAKE

HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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