

# Hewlett Packard Enterprise ProLiant DL380 G9 server (848774-B21)

HPE ProLiant DL380 Gen9 Server, Intel Xeon Processor E5-2630 v4, 16GB DDR4, 4 x RJ 45, Rack 2U



## Price details:

Price excl. VAT: 2,907.18 €

Eco fees: 0.00 €

VAT 21 %: 610.51 €

## Product details:

Product code: 848774-B21

EAN: 0190017030333

Manufacturer: Hewlett Packard Enterprise

**3,517.69 €**

\* VAT included

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What is your server bottleneck...storage, processing, expansion? The world's best-selling server<sup>1</sup> just got better. The HPE ProLiant DL380 Gen9 Server delivers the latest performance and expandability. Reliability, serviceability and near continuous availability, backed by a comprehensive warranty, makes it ideal for any server environment. Deploy the data center standard. Designed to reduce costs and complexity, leveraging Intel's latest E5-2600 v4 processors with 21%<sup>2</sup> performance gain, plus the latest HPE 2400 MHz DDR4 SmartMemory supporting 3.0 TB and up to 23%<sup>3</sup> performance increase. Supporting 12 Gb/s SAS, 40 Gb NIC with broad range compute options. HPE Persistent Memory, the world's first NVDIMM optimized on ProLiant, offering unprecedented levels of performance for databases and analytic workloads. Run everything from the most basic to mission critical applications, and can be deployed with confidence.

## What's new

- New higher capacity HDD options
- New GPU options
- Enhanced NIC offering
- Support for Microsoft Windows Server 2016

## Features

Flexible Design Makes Your Investment "Future Proof" so it Can Grow as Your Business Needs Expand

The HPE ProLiant DL380 Gen9 Server has a flexible redesigned chassis, including new HPE Universal Media Bay configuration options with 8 to 24 SFF and 4 or 12 LFF drive options along with NVMe options and additional rear drive support for expandability and investment protection.

HPE Persistent Memory, the first Non-volatile DIMM (NVDIMM) optimized on HPE ProLiant, offering unprecedented levels of performance and data resiliency for databases and analytic workloads.

In conjunction with the embedded SATA HPE Dynamic Smart Array B140i Controller for boot, data and media needs, the redesigned HPE Flexible Smart Array and HPE Smart SAS HBA Controllers allow you the flexibility to choose the optimal 12 Gb/s controller most suited to your environment.

You have a choice of embedded 4x1GbE, HPE FlexibleLOM or PCIe standup 1GbE to 40GbE Adapters provide you flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.

## World-class Performance and Industry-leading Energy Efficiency

The HPE ProLiant DL380 Gen9 Server supports industry standard Intel® Xeon® E5-2600 v3 and E5-2600 v4 processors with up to 22 cores, 12G SAS and 3.05 TB of HPE DDR4 SmartMemory.<sup>3</sup>

High efficiency redundant HPE Flexible Slot Power Supplies provide up to 96% efficiency (Titanium), HPE Flexible Slot Battery Backup module and support for the HPE Power Discovery Services offering.

Improved ambient temperature standards with HPE Extended Ambient Operating Support (ASHRAE A3 and A4) and optional performance heatsinks help to reduce cooling costs.<sup>4</sup>

Enhanced performance with active and passive, single and double-wide GPU support for workload acceleration.

#### Agile Infrastructure Management for Accelerating IT Service Delivery

With HPE ProLiant DL380 Gen9 Server, HPE OneView provides infrastructure management for automation simplicity across servers, storage and networking.

Online personalized dashboard for converged infrastructure health monitoring and support management with HPE Insight Online.

Configure in Unified Extensible Firmware Interface (UEFI) boot mode, provision local and remote with Intelligent Provisioning and Scripting Toolkits.

Embedded management to deploy, monitor and support your server remotely, out of band with HPE iLO.

Optimize firmware and driver updates and reduce downtime with Smart Update, consisting of SUM (Smart Update Manager) and SPP (Service Pack for ProLiant).

#### Industry Leading Serviceability

The HPE ProLiant DL380 Gen9 Server comes with a complete set of HPE Technology Services, delivering confidence, reducing risk and helping customers realize agility and stability. HPE provides consulting to transform your infrastructure; services to deploy, migrate and support your ProLiant Servers.

Hewlett Packard Enterprise provides consulting advice to transform and modernize your infrastructure; services to deploy, migrate and support your new ProLiant servers and education to help you succeed quickly.

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#### Main specifications:

##### Processor

Processor frequency:	2.2 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2630V4
Processor cores:	10
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	25 MB
System bus rate:	8 GT/s
Processor manufacturer:	Intel
Compatible processor series:	Intel Xeon
Processor socket:	LGA 2011-v3
Supported processor sockets:	LGA 2011-v3 (Socket R)
Processor boost frequency:	3.1 GHz
Processor lithography:	14 nm
Processor threads:	20
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Tcase:	74 °C
Maximum internal memory supported by processor:	1536 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866,2133 MHz
Memory bandwidth supported by processor (max):	68.3 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	40
Processor package size:	52.5 x 51 mm

Supported instruction sets:	AVX 2.0
Processor code:	SR2R7
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	N
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v4
Conflict Free processor:	Y

#### Memory

Internal memory:	16 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	128 GB
Memory slots:	24

#### Storage

Hard drive interface:	Serial ATA
Maximum storage capacity:	3 TB

#### Networking

Ethernet LAN:	Y
Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet

#### Ports & interfaces

Ethernet LAN (RJ-45) ports:	4
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#### Expansion slots

PCI Express slots version:	3.0
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#### Design

Chassis type:	Rack (2U)
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#### Performance

Operating system installed:	N
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#### Processor special features

CPU configuration (max):	2
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Hyper Threading Technology (Intel® HT):	Y
Intel® Turbo Boost Technology:	2.0
Intel® vPro® Technology:	Y
Intel Flex Memory Access:	N
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	Y
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel® OS Guard:	Y
Intel 64:	Y
Intel Virtualization Technology (VT-x):	Y
Processor ARK ID:	92981

#### Power

Redundant power supply (RPS) support:	Y
Power supply:	500 W

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