

# Hewlett Packard Enterprise ProLiant DL380 server (803861-B21)

Intel Xeon E5-2690 v3 (12 core, 2.6 GHz, 30MB, 135W), 2U, 32GB (2x16GB) RDIMM, 14.76 kg



## Price details:

Price excl. VAT: 11,906.82 €

Eco fees: 0.00 €

VAT 21 %: 2,500.43 €

## Product details:

Product code: 803861-B21

EAN: 4514953852617

Manufacturer: Hewlett Packard Enterprise

**14,407.25 €**

\* VAT included

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What is your server bottleneck...storage, processing, expansion? The world's best-selling server 1 just got better. The HP ProLiant DL380 Gen9 Server delivers the latest performance and expandability in the HP 2P rack portfolio.

Reliability, serviceability and near continuous availability, backed by a comprehensive warranty, making it ideal for any server environment. Deploy the data center standard.

Designed to reduce costs and complexity, leveraging Intel's latest E5-2600 v3 processors with up to 70% 2 performance gain, plus the latest HP DDR4 SmartMemory supporting 1.5 TB and up to 14% 3 performance increase. Additional support for 12 Gb/s SAS, 40 Gb NIC with a broad range of graphics and compute options.

Manage the DL380 Gen9 Server in any IT environments by automating the most essential server lifecycle management tasks: deploy, update, monitor, and maintain with ease. Run everything from the most basic to mission critical applications, and can be deployed with confidence.

## Features

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

The HP ProLiant DL380 Gen9 Server has a flexible redesigned chassis, including new HP 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.

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

You have a choice of embedded 4x1GbE, HP 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 HP ProLiant DL380 Gen9 Server supports industry standard Intel® Xeon® E5-2600 v3 processors with up to 18 cores, 12G SAS and 1.5 TB of HP DDR4 Smart Memory.

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

ENERGY STAR® qualified server configurations illustrate a continued commitment to helping customers conserve energy and save money.

Improved ambient temperature standards with HP Extended Ambient Operating Support (ASHRAE A3 and A4) and optional performance heatsinks help to reduce cooling costs.

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

Agile Infrastructure Management for Accelerating IT Service Delivery

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

Online personalized dashboard for converged infrastructure health monitoring and support management with HP 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 HP iLO.

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

Industry Leading Serviceability

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

HP 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:	2.6 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2690V3
Processor cores:	12
Number of processors installed:	2
Processor cache type:	Smart Cache
Processor cache:	30 MB
System bus rate:	9.6 GT/s
Processor socket:	LGA 2011-v3
Processor boost frequency:	3.5 GHz
Processor lithography:	22 nm
Processor threads:	24
Processor operating modes:	64-bit
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	89.9 °C
Maximum internal memory supported by processor:	768 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 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
PCI Express configurations:	x4, x8, x16
Processor package size:	52.5 mm
Supported instruction sets:	AVX 2.0
Scalability:	2S
Physical Address Extension (PAE):	46 bit
Embedded options available:	N

Thermal Design Power (TDP):	135 W
Processor series:	Intel Xeon E5-2600 v3
Conflict Free processor:	N
<b>Memory</b>	
Internal memory:	32 GB
Internal memory type:	DDR4-SDRAM
Memory slots:	24
Memory clock speed:	2133 MHz
Memory layout (slots x size):	2 x 16 GB
<b>Networking</b>	
Ethernet LAN:	Y
<b>Ports &amp; interfaces</b>	
VGA (D-Sub) ports quantity:	2
Ethernet LAN (RJ-45) ports:	8
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	3
<b>Expansion slots</b>	
PCI Express slots version:	3.0
<b>Design</b>	
Chassis type:	Rack (2U)
<b>Processor special features</b>	
CPU configuration (max):	2
Intel Rapid Storage Technology:	N
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	N
Intel® Wireless Display (Intel® WiDi):	N
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Anti-Theft Technology (Intel® AT):	N
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Turbo Boost Technology:	Y
Intel® vPro® Technology:	Y
Intel® Quick Sync Video Technology:	N
Intel® InTru® 3D Technology:	N
Intel® Clear Video HD Technology (Intel® CVT HD):	N
Intel® Insider®:	N
Intel Flex Memory Access:	N
Intel® Smart Cache:	Y
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:	N
Intel® OS Guard:	Y
Intel Clear Video Technology:	N
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	N
Intel 64:	Y
Intel Identity Protection Technology version:	0.00
Intel Secure Key Technology version:	1.00
Intel Virtualization Technology (VT-x):	Y
Intel TSX-NI version:	0.00
Intel Dual Display Capable Technology:	N
Intel FDI Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	81713
<b>Power</b>	
Redundant power supply (RPS) support:	Y
Power supply:	800 W
<b>Weight &amp; dimensions</b>	
Width:	445.4 mm
Depth:	679.4 mm
Height:	87.3 mm

Weight:

14760 g

\*PLEASE NOTE: Every effort has been made to ensure the accuracy of all information contained herein. Lasystems makes no warranty expressed or implied with respect to accuracy of the information, including price, editorials or specifications. Lasystems or its suppliers shall not be liable for incidental, consequential or special damages arising from, or as a result of, any electronic transmission or the accuracy of the information contained herein, even if Lasystems has been advised of the possibility of such damages. Product and manufacturer names are used only for the purpose of identification.