

# Hewlett Packard Enterprise ProLiant DL360 server (795236-B21)

2x Intel Xeon E5-2670 v3 (12 core, 2.3 GHz, 30MB, 120W), 64GB (4x16GB) RDIMM, 8x SFF SAS/SATA, 4x PCIe, 2x 10Gb Ethernet + 4x 1Gb Ethernet , 1U, 2x 800



## Price details:

Price excl. VAT: 9,212.58 €

Eco fees: 0.00 €

VAT 21 %: 1,934.64 €

## Product details:

Product code: 795236-B21

EAN: 0888793814925

Manufacturer: Hewlett Packard Enterprise

**11,147.22 €**

\* VAT included

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Does your data center need a performance driven dense 1U server that you can confidentially deploy for virtualization, data base, or high-performance computing? The HP ProLiant DL360 Gen9 Server delivers a 1U chassis with up to two processors, delivering an optimal unit that combines high-performance, low energy consumption, improved uptime, and increased density. Utilizing the Intel® Xeon® E5 2600v3 processors that deliver up to a 70% 1 performance gain and 36% 1 in efficiency over the Gen8 family.

The server combined with HP DDR4 SmartMemory support up to 1.5 TB while delivering up to 14% 2 performance improvements over previous generations. Manage your DL360 Gen9 Server in any IT environment by automating the most essential server lifecycle management tasks: deploy, update, monitor and maintain with ease.

The HP ProLiant DL360 Gen9 Server is dedicated to meet the most demanding dynamic computing workloads.

## Features

### Dense and Flexible High-Performance Compute Power

The HP ProLiant DL360 Gen9 Server has up to 24 HP DDR4 SmartMemory DIMM slots with up to 1.5 TB max memory, built-in intelligence to improve performance, reduce downtime and energy costs resulting in up to 14% better throughput performance. 2

You have a choice of Embedded 4x1GbE, HP FlexibleLOM, PCIe standup 1GbE to 40GbE adapters which provides flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.

Achieve greater capacity with flexible drive configuration options with up to ten SFF, four LFF HP SmartDrives, along with NVMe PCIe options delivering optimal performance, capacity, and reliability to meet various customer segments and workload requirements at the right economics.

HP offers worldwide "configure-to-order" capabilities including custom images, racking and deployments.

### Industry-Leading Energy Efficiency for a Quicker Return on Your Investment

The HP ProLiant DL360 Gen9 Server supports improved ambient temperature standards with HP Extended Ambient Operating Support (ASHRAE A3 and A4) helping to reduce your cooling expenses. 3

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.

Agile Infrastructure Management for Accelerating IT Service Delivery

With HP ProLiant DL360 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.

Embedded management to deploy, monitor and support your DL360 Gen9 Server remotely, out of band with HP iLO.

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

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 DL360 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.

Worldwide availability, service and support for customers who have multiple data centers in multiple countries.

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#### Main specifications:

##### Processor

Processor frequency:	2.3 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2670V3
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 manufacturer:	Intel
Compatible processor series:	Xeon
Processor socket:	LGA 2011-v3
Motherboard chipset:	Intel C610
Processor boost frequency:	3.1 GHz
Processor lithography:	22 nm
Processor threads:	24
Processor operating modes:	64-bit
Stepping:	M1
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	84.5 °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):	120 W
Processor series:	Intel Xeon E5-2600 v3
Conflict Free processor:	N

#### Memory

Internal memory:	64 GB
Memory slots:	24 DIMM
Memory clock speed:	2133 MHz
Memory layout (slots x size):	4 x 16 GB

#### Storage

Hard drive interface:	Serial ATA,Serial Attached SCSI (SAS)
Hot-Plug support:	Y
Internal drive bays:	8

#### Networking

Ethernet LAN:	Y
Ethernet interface type:	10 Gigabit Ethernet,Gigabit Ethernet

#### Ports & interfaces

VGA (D-Sub) ports quantity:	2
Ethernet LAN (RJ-45) ports:	6
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	3

#### Expansion slots

PCI Express slots version:	3.0
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#### Design

Chassis type:	Rack (1U)
Redundant fans support:	Y

#### Processor special features

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:	2.0
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:	81709

#### Power

Power supply: 800 W  
Number of main power supplies: 2

#### Certificates

Energy Star certified: Y

#### Weight & dimensions

Width: 434.7 mm  
Depth: 698.5 mm  
Height: 43.2 mm  
Weight: 12250 g

#### Other features

Intel® Virtualization Technology (Intel® VT): VT-x