

# Hewlett Packard Enterprise ProLiant DL160 Gen9 server (783362-425)

HP ProLiant DL160 Gen9 E5-2609v3 1.9GHz 6-core 8GB-R H240 8 SFF 550W PS Server/TV



## Price details:

Price excl. VAT: 1,244.98 €

Eco fees: 0.00 €

VAT 21 %: 261.45 €

## Product details:

Product code: 783362-425

EAN: 0888793381663

Manufacturer: Hewlett Packard Enterprise

**1,506.43 €**

\* VAT included

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Do you need a server with essential features for your IT environment, which is constrained by budget, space or IT resources?

The HP ProLiant DL160 Gen9 Server delivers the right balance of performance, storage, reliability, manageability and efficiency in a dense and compact chassis, to meet the needs of a diverse set of customers - from SMBs to service providers with a wide range of deployments - from general purpose IT infrastructure to the emerging "New Style of IT" deployments like cloud and big data in distributed computing environments.

### Essential Combination of Performance, Manageability and Storage for the IT Needs of SMBs

• The HP ProLiant DL160 Gen9 offers 16 DIMM slots of HP DDR4 SmartMemory, with built-in intelligence to reduce downtime and up to 14% 1 better throughput performance.

### Scalability and Efficiency in a Dense Design for Hyperscale Environments

• The HP ProLiant DL160 Gen9 offers dense and efficient design at a price point that provides agile horizontal expansion capability for distributed computing environments like Hadoop, NoSQL to cope-up with fast growing business needs.

### Agile Infrastructure Management for Accelerating IT Service Delivery

• With HP ProLiant DL160 server, HP OneView 2 provides converged management for automation simplicity across servers, storage and networking.

1 Based on similar capacity DIMM comparing HP server vs. non HP server with DDR4, July 2014.

2 HP OneView support for HP ProLiant Gen9 rack (DL) and blade (BL) servers will be available with HP OneView 1.20 in Dec 2014. Customers may purchase HP OneView licenses now, and will be granted rights to use HP Insight Control software and transition to HP OneView with a free upgrade, when available. Customers also have the option to purchase HP Insight Control.

## Main specifications:

Processor

Processor frequency:	1.9 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2609V3
Processor cores:	6
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	15 MB
System bus rate:	6.4 GT/s
Processor socket:	LGA 2011-v3
Motherboard chipset:	Intel C610
Processor lithography:	22 nm
Processor threads:	6
Processor operating modes:	64-bit
Stepping:	M1
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	70.9 °C
Maximum internal memory supported by processor:	368 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866,2133 MHz
Memory bandwidth supported by processor (max):	51 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):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	Y
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v3
Conflict Free processor:	N

#### Memory

Internal memory:	8 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	512 GB
Memory slots:	16 DIMM
Memory clock speed:	2133 MHz
ECC:	Y
Memory layout (slots x size):	1 x 8 GB

#### Storage

Hard drive size:	2.5 "
Hard drive interface:	Serial ATA,Serial Attached SCSI (SAS)
RAID support:	Y
RAID levels:	0,1,5
Hot-Plug support:	Y
Number of hard drives supported:	8

#### Networking

Ethernet LAN:	Y
Ethernet interface type:	Gigabit Ethernet

#### Ports & interfaces

USB 2.0 ports quantity:	1
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	2
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2

#### Expansion slots

PCI Express slots version:	3.0
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#### Design

Chassis type:	Rack (1U)
Optical drive type:	DVD-RW
<b>Performance</b>	
Operating system installed:	N
Compatible operating systems:	Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)Oracle SolarisVMware

#### 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):	N
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Turbo Boost Technology:	N
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:	81897

#### Power

Redundant power supply (RPS) support:	N
Power supply:	550 W
Number of main power supplies:	1

#### Certificates

Energy Star certified:	Y
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#### Weight & dimensions

Width:	435 mm
Depth:	608 mm
Height:	44 mm
Weight:	10000 g

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