

# Hewlett Packard Enterprise ProLiant DL380p Gen8 server (704560-421)

HP ProLiant DL380p Gen8 E5-2609v2 2.5GHz 4-core 1P 4GB-R P420i/ZM 460W PS Server



## Price details:

Price excl. VAT: 2,466.35 €

Eco fees: 0.38 €

VAT 21 %: 518.01 €

## Product details:

Product code: 704560-421

EAN: 0887111441249

Manufacturer: Hewlett Packard Enterprise

**2,984.74 €**

\* VAT included

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What is your server bottleneck....storage, processing, expansion?

No matter the bottleneck, the HP ProLiant DL380p Gen8 Server series can help. It sets the data center standard for 2U 2-socket rack servers with the latest in serviceability, enhanced configuration flexibility, customer-inspired design, and unmatched performance. The DL380p Gen8 Server offers the perfect solution for the dynamic compute requirements of growing small businesses as well as demanding data centers.

Improved Capacity and Performance on Compute and Storage

• Intel® Xeon® processor E5-2600 v2 product family offers increased performance, improved security and efficiency; ideal for demanding workloads.

Unlock your Infrastructure's Potential with HP's Easy-to-Use Integrated Management and Support

• HP iLO Management Engine is a complete set of embedded features, standard on all ProLiant Gen8 servers. Includes HP iLO, HP Agentless Management, HP Active Health System, HP Intelligent Provisioning, and HP Embedded Remote Support.

Energy Efficiency by Design

• HP Common Slot Power Supplies provide a new level of efficiency with 80 PLUS Titanium certification (96%) and new infrastructure power efficiencies with 277VAC and 380VDC input voltages.

Redefining the Customer Experience with HP ProActive Insight Architecture

• User-inspired design features that prevent data loss, reduce downtime, and improve serviceability include HP SmartDrives, HP Smart Socket guides, "Easy Install" Rail kit options, and tool-less access to components.

Main specifications:

## Processor

Processor frequency:	2.5 GHz
Processor family:	Intel Xeon E5
Processor model:	E5-2609V2

Processor cores:	4
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	10 MB
System bus rate:	6.4 GT/s
Maximum number of SMP processors:	2
Processor socket:	LGA 2011 (Socket R)
Motherboard chipset:	Intel C600
Processor boost frequency:	2.50 GHz
Processor lithography:	22 nm
Processor threads:	4
Processor operating modes:	64-bit
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Ivy Bridge EP
Tcase:	71 °C
Maximum internal memory supported by processor:	368 GB
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	800,1066,1333 MHz
Memory bandwidth supported by processor (max):	42.6 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
Scalability:	2S
Physical Address Extension (PAE):	46 bit
Embedded options available:	Y
Thermal Design Power (TDP):	80 W
Processor series:	Intel Xeon E5-2600 v2
Conflict Free processor:	N

#### Memory

Internal memory:	4 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	384 GB
Memory slots:	24 DIMM
Memory clock speed:	1600 MHz
ECC:	Y
Memory layout (slots x size):	1 x 4 GB

#### Storage

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

#### Networking

Ethernet LAN:	Y
LAN controller:	HP 331FLR
Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet

#### Ports & interfaces

USB 2.0 ports quantity:	6
VGA (D-Sub) ports quantity:	2
Ethernet LAN (RJ-45) ports:	4
Serial ports quantity:	1

#### Expansion slots

PCI Express x8 (Gen 2.x) slots:	1
PCI Express x8 (Gen 3.x) slots:	1
PCI Express x16 (Gen 3.x) slots:	1

PCI Express slots version:	3.0
<b>Design</b>	
Chassis type:	Rack (2U)
Optical drive type:	N
Rack mounting:	Y
<b>Performance</b>	
Operating system installed:	N
Compatible operating systems:	Microsoft Windows Server Canonical Ubuntu Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) Oracle Solaris VMware Citrix XenServer
<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® HTT):	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® 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 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:	75787
<b>Power</b>	
Redundant power supply (RPS) support:	Y
Power supply:	460 W
Number of main power supplies:	1
<b>Weight &amp; dimensions</b>	
Width:	445.5 mm
Depth:	698.5 mm
Height:	87.4 mm
Weight:	18590 g
<b>Other features</b>	
Graphics adapter:	G200
Graphics adapter family:	Matrox

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