

# Hewlett Packard Enterprise ProLiant DL320e Gen8 server (675421-421)

HP ProLiant DL320e Gen8 E3-1220v2 3.1GHz 4-core 1P 4GB-U Hot Plug 4 LFF 350W PS Server



## Price details:

Price excl. VAT: 974.85 €

Eco fees: 0.08 €

VAT 21 %: 204.74 €

## Product details:

Product code: 675421-421

EAN: 0886112399818

Manufacturer: Hewlett Packard Enterprise

**1,179.67 €**

\* VAT included

PDF generated on: 13 December, 2017



Do you need an entry-level 1U rack server that is compact, yet packs the latest technology to keep you competitive? The HP ProLiant DL320e Gen8 v2 Server is an entry-level single processor 1U short depth rack server specifically designed to give you the competitive edge you need. The server supports the latest Intel Xeon E3-1200 v3 series processors, PCIe 3.0 slots, DDR3 1600 MHz memory, and up to 8 TB internal storage, plus the state of the art HP iLO Management Engine.

It is ideal for small businesses, chain stores, telecommunications firms, or others that require a low-cost, compact server. The DL320e Gen8 v2 is versatile enough to handle a variety of workloads, including single/dedicated IT services such as networking, security, file/print, and web serving/hosting.

### Affordable, Powerful and Flexible to Meet Your Varied Computing Needs

• Offers a range of processor options to meet your varied computing needs, including the latest Intel Xeon E3-1200 v2 product family processor technology, up to 3.7GHz, 4 core.

### Maximize System Uptime with Built-in Gen8 Technologies

• HP SmartMemory prevents data loss and downtime with enhanced error handling while improving workload performance and power efficiency.

### 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 for Power Savings and a Green Environment

• Standard power supply provides 85% efficiency while redundant power supply options provide up to 94% efficiency (Platinum Plus). The redundant power supply options support HP's Power Discovery Services.

## Main specifications:

### Processor

Processor frequency: 3.1 GHz

Processor family:	Intel Xeon E3 v2
Processor model:	E3-1220V2
Processor cores:	4
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	8 MB
System bus rate:	5 GT/s
Processor socket:	LGA 1155 (Socket H2)
Motherboard chipset:	Intel C204
Processor boost frequency:	3.5 GHz
Processor lithography:	22 nm
Processor threads:	4
Processor operating modes:	64-bit
Stepping:	E1
FSB Parity:	N
Bus type:	DMI
Processor codename:	Ivy Bridge
Maximum internal memory supported by processor:	32 GB
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	1333,1600 MHz
Memory bandwidth supported by processor (max):	25.6 GB/s
Memory channels supported by processor:	Dual
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
PCI Express configurations:	1x16+1x4,1x8+3x4,2x8+1x4
Processor package size:	37.5 mm
Supported instruction sets:	AVX,SSE4.1,SSE4.2
Processor code:	SR0PH
Embedded options available:	N
Thermal Design Power (TDP):	69 W
CPU multiplier (bus/core ratio):	31
Processor series:	Intel Xeon E3-1200 v2
Conflict Free processor:	N

#### Memory

Internal memory:	4 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	32 GB
Memory slots:	4 DIMM
Memory clock speed:	1600 MHz
ECC:	Y
Memory layout (slots x size):	1 x 4 GB

#### Storage

Hard drive size:	3.5 "
Hard drive interface:	Serial ATA
RAID support:	Y
RAID levels:	0,1,10
Number of hard drives supported:	4

#### Networking

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

#### Ports & interfaces

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

#### Expansion slots

PCI Express slots version:	3.0
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#### Design

Chassis type:	Rack (1U)
Optical drive type:	N

#### Performance

Operating system installed:	N
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Compatible operating systems: Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)VMware

#### Processor special features

CPU configuration (max): 1  
Intel Rapid Storage Technology: N  
Enhanced Intel SpeedStep Technology: Y  
Intel® Identity Protection Technology (Intel® IPT):  
Intel® Wireless Display (Intel® WiDi): N  
Intel Virtualization Technology for Directed I/O (VT-d):  
Intel® Anti-Theft Technology (Intel® AT): N  
Intel® Hyper Threading Technology (Intel® HT Technology):  
Intel® My WiFi Technology (Intel® MWT): N  
Intel® Smart Response Technology: 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):  
Intel® Insider®:  
Intel Flex Memory Access: Y  
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® Small Business Advantage (Intel® SBA): N  
Intel Clear Video Technology: N  
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):  
Intel 64: Y  
Intel Identity Protection 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: Y  
Processor ARK ID: 65734

#### Power

Redundant power supply (RPS) support: Y  
Power supply: 350 W  
Number of main power supplies: 1

#### Certificates

Energy Star certified: N

#### Weight & dimensions

Width: 434.6 mm  
Depth: 750 mm  
Height: 43.2 mm  
Weight: 16200 g

#### Technical details

Product type: Rack (1U)

#### Other features

Graphics adapter: G200  
Form factor: Rack (1U)  
Graphics adapter family: Matrox

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