

# Hewlett Packard Enterprise ProLiant 826683-B21 server (826683-B21)

Intel Xeon E5-2620 v4 (8 core, 2.1 GHz, 20MB, 85W), 16GB DDR4, 1Gb 331FLR Ethernet Adapter 4 Ports, 3 PCIe



## Price details:

Price excl. VAT: 4,107.96 €

Eco fees: 0.00 €

VAT 21 %: 862.67 €

## Product details:

Product code: 826683-B21

EAN: 0725184031625

Manufacturer: Hewlett Packard Enterprise

**4,970.63 €**

\* 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 HPE ProLiant DL380 Gen9 Server delivers the latest performance and expandability.

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

Designed to reduce costs and complexity, leveraging Intel's latest E5-2600 v4 processors with 21% 2 performance gain, plus the latest HPE 2400 MHZ DDR4 SmartMemory supporting 3.0 5 TB and up to 23% 3 performance increase. Supporting 12 Gb/s SAS, 40 Gb NIC with broad range compute options.

HPE Persistent Memory, the world's first NVDIMM optimized on ProLiant, offering unprecedented levels of performance for databases and analytic workloads. Run everything from the most basic to mission critical applications, and can be deployed with confidence.

## Main specifications:

### Processor

Processor frequency:	2.1 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2620V4
Processor cores:	8
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	20 MB
System bus rate:	8 GT/s
Compatible processor series:	Xeon
Processor socket:	LGA 2011-v3
Processor boost frequency:	3 GHz
Processor lithography:	14 nm
Processor threads:	16
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Configurable TDP-down:	85 W
Tcase:	74 °C
Maximum internal memory supported by processor:	1536 GB

Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866,2133 MHz
Memory bandwidth supported by processor (max):	68.3 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
Processor package size:	52.5 x 51 mm
Supported instruction sets:	AVX 2.0
Processor code:	SR2R6
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 v4
Conflict Free processor:	Y

#### Memory

Internal memory:	16 GB
Internal memory type:	DDR4-SDRAM
Memory slots:	24 DIMM slots

#### Storage

Hard drive size:	3.5 "
Hard drive interface:	Serial ATA
Supported storage drive interfaces:	SAS

#### Networking

Ethernet LAN:	Y
Ethernet interface type:	Gigabit Ethernet

#### Ports & interfaces

Ethernet LAN (RJ-45) ports:	4
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#### Expansion slots

PCI-X slots:	3
PCI Express slots version:	3.0

#### Design

Chassis type:	Rack (2U)
Optical drive type:	N

#### Performance

Operating system installed:	N
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#### Processor special features

CPU configuration (max):	2
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® Turbo Boost Technology:	2.0
Intel® vPro® Technology:	Y
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 TSX-NI:	Y
Intel® OS Guard:	Y
Intel 64:	Y
Intel Virtualization Technology (VT-x):	Y
Processor ARK ID:	92986

#### Certificates

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

Width:	445 mm
Depth:	730 mm
Height:	87 mm
Weight:	14760 g

**Packaging content**

Cables included:	AC
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**Technical details**

Integrated LAN:	Y
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