

# Hewlett Packard Enterprise ProLiant DL380 Gen9 E5-2620v3 server (K8P38A)

Intel Xeon E5-2620 v3 (6 core, 2.4 GHz, 15MB, 85W), 16GB (1x16GB) RDIMM, 24 x DIMM, 500W x 2, Ethernet, Smart Array P440ar/2GB FBWC, 2U



## Price details:

Price excl. VAT: 2,276.62 €

Eco fees: 0.00 €

VAT 21 %: 478.09 €

## Product details:

Product code: K8P38A

EAN: 0888793890042

Manufacturer: Hewlett Packard Enterprise

**2,754.71 €**

\* VAT included

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Flexible Design Makes Your Investment "Future Proof" So It Can Grow as Your Business Needs Expand

The HP ProLiant DL380 Gen9 Server has a flexible redesigned chassis, including new HP Universal Media Bay configuration options with 8 to 24 Small Form Factor (SFF) and 4 or 12 Large Form Factor (LFF) drive options; with additional rear drive support for expandability and investment protection.

The redesigned HP Flexible Smart Array and HP Smart SAS HBA Controllers allow you the flexibility to choose the optimal 12 Gb/s controller most suited to your environment. In conjunction with the embedded SATA HP Dynamic Smart Array B140i Controller for boot, data and media needs.

You have a choice of embedded 4x1GbE, HP FlexibleLOM or PCIe standup 1GbE to 40GbE Adapters provide you flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.

World-class Performance and Industry-leading Energy Efficiency

The HP ProLiant DL380 Gen9 Server supports industry standard Intel® Xeon® E5-2600 v3 processors with up to 18 cores, 12G SAS and 1.5 TB of HP DDR4 Smart Memory. [3]

High efficiency redundant HP Flexible Slot Power Supplies provide up to 94% efficiency (Platinum Plus) 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.

Improved ambient temperature standard with ASHRAE A3 and A4 [4] helps you reduce cooling costs.

Enhanced performance with active and passive, double-wide GPU support for workload acceleration.

Agile Infrastructure Management for Accelerating IT Service Delivery

With HP ProLiant DL380 Gen9 Server, HP OneView provides converged management for automation simplicity across servers, storage and networking.

Online personalized dashboard for converged infrastructure health monitoring and support management with HP Insight Online.

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

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

Optimize firmware and driver updates and reduce downtime with HP Smart Update, consisting of HP SUM and HP SPP.

## Main specifications:

### Processor

Processor frequency:	2.4 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2620V3
Processor cores:	6
Number of processors installed:	1

Processor cache type:	Smart Cache
Processor cache:	15 MB
System bus rate:	8 GT/s
Processor manufacturer:	Intel
Processor socket:	LGA 2011-v3
Processor boost frequency:	3.2 GHz
Processor lithography:	22 nm
Processor threads:	12
Processor operating modes:	64-bit
Stepping:	R2
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	72.6 °C
Maximum internal memory supported by processor:	68 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866 MHz
Memory bandwidth supported by processor (max):	59 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
Processor code:	SR207
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:	16 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	1500 GB
Memory slots:	24
Memory layout (slots x size):	1 x 16 GB

#### Storage

Hard drive size:	2.5 "
Hard drive interface:	Serial ATA
Number of hard drives supported:	8

#### Networking

Ethernet LAN:	Y
LAN controller:	HP 331i
Ethernet interface type:	Gigabit Ethernet

#### Expansion slots

PCI Express slots version:	3.0
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#### Design

Chassis type:	Rack (2U)
Optical drive type:	DVD±RW

#### 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® HTT):	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:	83352

#### Power

Power supply:	500 W
Number of redundant power supplies installed:	2
Number of main power supplies:	2

#### Other features

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