

Hewlett Packard Enterprise BL460c server (N1W94A)

HP ProLiant BL460c Gen9 E5-2620v3 2.4GHz 6-core 1P 32GB-R Server/TV



Price details:

Price excl. VAT: 1,827.96 €

Eco fees: 0.04 €

VAT 21 %: 383.88 €

Product details:

Product code: N1W94A

EAN: 4514953918467

Manufacturer: Hewlett Packard Enterprise

2,211.88 €

* VAT included

PDF generated on: 23 October, 2017



Are you looking for the right server blade to be your data center workhorse for your demanding core IT and virtualization workloads?

Designed for a wide range of configuration and deployment options, the HP ProLiant BL460c Gen9 Server Blade provides the flexibility to optimize your core IT applications with right-sized storage for the right workload for a lower TCO. All of this is managed by HP OneView, the converged management platform that accelerates IT service delivery and boosts business performance.

The BL460c Gen9 Server Blade uses Intel® Xeon® E5-2600 v3 processors with up to 70% performance gain over the previous generation, plus enhanced HP DDR4 SmartMemory offering up to 33% performance increase. Flexible storage controller options additional support includes an optional 12 Gb/s SAS controller, 20 Gb FlexibleLOM NICs, and USB 3.0 on the internal connector.

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
Compatible processor series:	Xeon
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
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	72.6 °C
Maximum internal memory supported by processor:	368 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:	32 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	512 GB
Memory slots:	16
Memory clock speed:	2133 MHz
ECC:	Y
Memory layout (slots x size):	4 x 8 GB

Storage

Hard drive size:	2.5 "
Hard drive interface:	Serial ATA III
RAID support:	Y
RAID levels:	0,1
Supported storage drive interfaces:	SAS,Serial ATA

Graphics

On-board graphics adapter:	Y
On-board graphics adapter model:	Matrox G200eH

Networking

Ethernet LAN:	Y
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Ports & interfaces

Ethernet LAN (RJ-45) ports:	2
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Expansion slots

PCI Express slots version:	3.0
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Design

Optical drive type:	N
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Performance

Operating system installed:	N
Compatible operating systems:	SuSE Linux Enterprise Server, Microsoft Windows Server, Red Hat Enterprise Linux, Oracle Solaris, Canonical Ubuntu
Trusted Platform Module (TPM):	Y

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® 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 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
Processor ARK ID:	83352

Operational conditions

Operating temperature (T-T):	10 - 35 °C
Operating relative humidity (H-H):	10 - 90 %

Weight & dimensions

Width:	55.4 mm
Depth:	517.6 mm
Height:	180.7 mm
Weight:	4750 g

Other features

Supported memory types:	DDR4-SDRAM
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