

# Hewlett Packard Enterprise ProLiant BL460c Gen8 server (724085-B21)

HP ProLiant BL460c Gen8 E5-2640v2 2.0GHz 8-core 1P 32GB-R P220i/512 FBWC Server



## Price details:

Price excl. VAT: 3,880.68 €

Eco fees: 0.38 €

VAT 21 %: 815.02 €

## Product details:

Product code: 724085-B21

EAN: 0887758291764

Manufacturer: Hewlett Packard Enterprise

**4,696.08 €**

\* VAT included

PDF generated on: 13 December, 2017



The HP ProLiant BL460c Gen8 Server Blade is a dual-socket server blade engineered for unprecedented performance, enhanced flexibility and simplified management which makes it the standard for data center computing.

It packs in more performance with a 33% increase in memory DIMM count, Intel® Xeon® E5-2600 v2 Processors, faster I/O slots and enhanced Smart Array Controller that now ships with 512MB Flash Back Write Cache standard. In addition, it is also more flexible with the HP FlexibleLOM which provides the ability to customize server networking today and the ability to meet future needs without overhauling server hardware.

### Redefining the Customer Experience

• User-inspired design features like HP SmartDrive carriers and the HP Smart Socket guide anticipate your needs and virtually eliminate common issues that result in downtime.

### Intuitive, Configurable Management System Eliminates Tedious, Time-Consuming Tasks

• HP Intelligent Provisioning takes strengths from products like HP SmartStart, HP Smart Update Manager and HP Service Pack for ProLiant, enhances them with the latest ease of use features, and places them where you can use them instantly - on the system board.

### Improved Application, Storage, and I/O Performance

• HP SmartMemory has unmatched performance, quality and manageability advantages above industry standard memory. Supports RDIMM, UDIMM and LRDIMM with up to 512GB capacity and 256GB capacity at 1866MHz. SmartMemory in the BL460c Gen8 delivers up to 33% more memory capacity over previous generations.

### Built for Performance and Easier Access

• Improved access to mezzanine cards enables quicker removal and easy access to the new FlexibleLOM card. The DIMM tool included inside every ProLiant BL460c Gen8 makes the removal and insertion of individual DIMMs even easier.

## Main specifications:

### Processor

Processor frequency:	2.5 GHz
Processor family:	Intel Xeon E5
Processor model:	E5-2640
Processor cores:	6
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	15 MB
System bus rate:	7.2 GT/s
Maximum number of SMP processors:	2
Processor socket:	LGA 2011 (Socket R)
Motherboard chipset:	Intel C600
Processor boost frequency:	3 GHz
Processor lithography:	32 nm
Processor threads:	12
Processor operating modes:	64-bit
Stepping:	C2
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Sandy Bridge EP
Tcase:	73 °C
Maximum internal memory supported by processor:	320 GB
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	800,1066,1333,1600 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:	N
Graphics & IMC lithography:	32 nm
Thermal Design Power (TDP):	95 W
CPU multiplier (bus/core ratio):	30
Processor series:	Intel Xeon E5-2600
Conflict Free processor:	N

#### Memory

Internal memory:	32 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	384 GB
Memory slots:	16 DIMM
Memory clock speed:	1866 MHz
ECC:	Y
Memory layout (slots x size):	2 x 16 GB

#### Storage

Hard drive size:	2.5 "
Hard drive interface:	Serial ATA,Serial Attached SCSI (SAS)
RAID support:	Y
RAID levels:	0,1
Number of hard drives supported:	2

#### 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

Chassis type:	Blade
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Optical drive type:	N
<b>Performance</b>	
Operating system installed:	N
Compatible operating systems:	Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)Canonical UbuntuOracle SolarisVMwareCitrix 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® HT Technology):	Y
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Turbo Boost Technology:	Y
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:	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 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:	64591
<b>Power</b>	
Redundant power supply (RPS) support:	N
<b>Weight &amp; dimensions</b>	
Width:	55.4 mm
Depth:	517.6 mm
Height:	180.7 mm
Weight:	4750 g
<b>Other features</b>	
Graphics adapter:	G200
Graphics adapter family:	Matrox

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