

# Hewlett Packard Enterprise ProLiant BL460c Gen8 server (724086-B21)

HP ProLiant BL460c Gen8 E5-2620v2 2.1GHz 6-core 1P 16GB-R P220i/512 FBWC Server



## Price details:

Price excl. VAT: 3,089.29 €

Eco fees: 0.37 €

VAT 21 %: 648.83 €

## Product details:

Product code: 724086-B21

EAN: 0887758291771

Manufacturer: Hewlett Packard Enterprise

**3,738.49 €**

\* VAT included

PDF generated on: 23 February, 2018



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 GHz               |
| Processor family:                                 | Intel Xeon E5       |
| Processor model:                                  | E5-2620             |
| 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:                        | 2.5 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:  | 77.4 °C             |
| Maximum internal memory supported by processor:   | 750 GB              |
| Memory types supported by processor:              | DDR3-SDRAM          |
| Memory clock speeds supported by processor (max): | 800,1066,1333 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:                       | Y                   |
| Graphics & IMC lithography:                       | 32 nm               |
| Thermal Design Power (TDP):                       | 95 W                |
| CPU multiplier (bus/core ratio):                  | 25                  |
| Processor series:                                 | Intel Xeon E5-2600  |
| Conflict Free processor:                          | N                   |

#### Memory

|                               |            |
|-------------------------------|------------|
| Internal memory:              | 16 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 8 GB   |

#### Storage

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

#### Networking

|               |   |
|---------------|---|
| Ethernet LAN: | Y |
|---------------|---|

#### Ports & interfaces

|                             |   |
|-----------------------------|---|
| Ethernet LAN (RJ-45) ports: | 2 |
|-----------------------------|---|

#### Expansion slots

|                            |     |
|----------------------------|-----|
| PCI Express slots version: | 3.0 |
|----------------------------|-----|

#### Design

|                     |       |
|---------------------|-------|
| Chassis type:       | Blade |
| Optical drive type: | N     |

#### Performance

|                               |  |
|-------------------------------|--|
| Operating system installed:   | N  |
| Compatible operating systems: | Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)Canonical UbuntuOracle SolarisVMwareCitrix XenServer |

#### 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® HTTechnology):                       | 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:  | 64594 |

#### Power

|                                       |   |
|---------------------------------------|---|
| Redundant power supply (RPS) support: | N |
|---------------------------------------|---|

#### Weight & dimensions

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

#### Other features

|                          |        |
|--------------------------|--------|
| Graphics adapter:        | G200   |
| Graphics adapter family: | Matrox |

\*PLEASE NOTE: Every effort has been made to ensure the accuracy of all information contained herein. Lasystems makes no warranty expressed or implied with respect to accuracy of the information, including price, editorials or specifications. Lasystems or its suppliers shall not be liable for incidental, consequential or special damages arising from, or as a result of, any electronic transmission or the accuracy of the information contained herein, even if Lasystems has been advised of the possibility of such damages. Product and manufacturer names are used only for the purpose of identification.