

Hewlett Packard Enterprise ProLiant BL460c G7 server (603588R-B21)

Intel Xeon E5620 (2.4GHz, 12MB L3), 6GB DDR3, Smart Array P410i/Zero, Blade



Price details:

Price excl. VAT: 1,641.91 €

Eco fees: 0.00 €

VAT 21 %: 344.80 €

Product details:

Product code: 603588R-B21

EAN: 0886111320523

Manufacturer: Hewlett Packard Enterprise

1,986.71 €

* VAT included

PDF generated on: 18 June, 2018



As the world's most popular blade, the HP ProLiant BL460c G7 Server offers the ideal balance of performance, scalability, and expandability to make it the standard for data center computing. Packing two processors, two hot plug hard drives, up to 384 GB of memory, and a dual-port FlexFabric adapter into a half-height blade, the BL460c gives IT managers a single platform that can handle any business applications.

Features

Dense Compute Power

- Up to two (2) two-, four-, or six-core Intel® Xeon® 5500 or 5600 series processors
- 12 DIMM slots supporting up to 384 GB of DDR-3 memory with Advanced ECC
- HP Smart Array P410i controller for hardware RAID 0 and 1, with optional cache modules for increased performance
- Up to two (2) hot plug small form factor (SFF) SAS, SATA, or SSD drives
- Internal USB and SD card slots enable simple, flexible hypervisor deployments

Integrated HP Virtual Connect FlexFabric Support

- Embedded dual-port 10 Gb FlexFabric adapter delivers high bandwidth for network intensive applications
- Simplify management and lower infrastructure costs by converging LAN and SAN traffic over the same flexible connection
- Up to eight (8) connections to network and storage without the need for add-in mezzanine cards
- Divide and fine-tune network and storage bandwidth to match application requirements

Industry-leading Infrastructure Management

- Save time and conserve valuable IT resources by simplifying remote management with HP Integrated Lights-Out 3 (iLO 3)
- Deploy servers quickly, proactively manage virtual or physical server health, and optimize power consumption with HP Insight Control
- Rapidly provision, continuously analyze, and confidently optimize your converged server infrastructure with HP Insight Dynamics

Main specifications:

Processor

| | |
|---------------------------------|-----------------|
| Processor frequency: | 2.4 GHz |
| Processor family: | Intel Xeon 5000 |
| Processor model: | E5620 |
| Processor cores: | 4 |
| Number of processors installed: | 1 |
| Processor cache type: | Smart Cache |
| Processor cache: | 12 MB |

| | |
|---|------------------------|
| System bus rate: | 5.86 GT/s |
| Processor manufacturer: | Intel |
| Processor socket: | Socket B (LGA 1366) |
| Motherboard chipset: | Intel 5520 |
| Processor boost frequency: | 2.66 GHz |
| Processor lithography: | 32 nm |
| Processor threads: | 8 |
| Processor operating modes: | 64-bit |
| Stepping: | B1 |
| FSB Parity: | N |
| Bus type: | QPI |
| Number of QPI links: | 2 |
| Processor codename: | Westmere EP |
| Tcase: | 77.6 °C |
| Maximum internal memory supported by processor: | 384 GB |
| Memory types supported by processor: | DDR3 800/1066 |
| Memory clock speeds supported by processor: | 800,1066 MHz |
| Memory bandwidth supported by processor (max): | 25.6 GB/s |
| Memory channels supported by processor: | 3 |
| ECC supported by processor: | Y |
| Execute Disable Bit: | Y |
| Idle States: | Y |
| Thermal Monitoring Technologies: | N |
| Processor package size: | 42.5 mm |
| Supported instruction sets: | SSE4.2 |
| Processor code: | SLBV4 |
| Physical Address Extension (PAE): | 40 bit |
| Embedded options available: | Y |
| Thermal Design Power (TDP): | 80 W |
| CPU multiplier (bus/core ratio): | 18 |
| Processor series: | Intel Xeon 5600 series |
| Conflict Free processor: | N |

Memory

| | |
|-------------------------------|------------|
| Internal memory: | 6 GB |
| Internal memory type: | DDR3-SDRAM |
| Maximum internal memory: | 384 GB |
| Memory slots: | 12 DIMM |
| Memory clock speed: | 1333 MHz |
| ECC: | Y |
| Memory layout (slots x size): | 3 x 2 GB |

Storage

| | |
|----------------------------------|---------------------------------------|
| Hard drive size: | 2.5 " |
| Hard drive interface: | Serial ATA,Serial Attached SCSI (SAS) |
| RAID support: | Y |
| Maximum storage capacity: | 2 TB |
| RAID levels: | 0,1 |
| Number of hard drives supported: | 2 |
| Hot-swap: | Y |

Networking

| | |
|----------------------|---------------|
| Ethernet LAN: | Y |
| Networking features: | 10Gb Ethernet |

Ports & interfaces

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

Expansion slots

| | |
|-----------------------|---|
| PCI Express x8 slots: | 2 |
|-----------------------|---|

Design

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|---------------------|-------|
| 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)Oracle SolarisVMwareCitrix XenServer |

Processor special features

| | |
|--|-------|
| CPU configuration (max): | 2 |
| Intel Rapid Storage Technology: | N |
| Enhanced Intel SpeedStep Technology: | Y |
| 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: | N |
| 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® 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 Clear Video Technology: | N |
| Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID): | Y |
| Intel 64: | Y |
| Intel Virtualization Technology (VT-x): | 1 |
| Intel Dual Display Capable Technology: | N |
| Intel FDI Technology: | N |
| Intel Fast Memory Access: | N |
| Processor ARK ID: | 47925 |

Power

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

Weight & dimensions

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|---------|----------|
| Width: | 55.6 mm |
| Depth: | 509.5 mm |
| Height: | 181.7 mm |
| Weight: | 5220 g |

Other features

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|--------------------------|------------------------|
| Disk array controller: | Smart Array P410i/Zero |
| Graphics adapter: | G200 |
| Graphics adapter family: | Matrox |

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