

Hewlett Packard Enterprise ProLiant DL580 server (793310-B21)

Intel Xeon E7-4850 v3 (35M Cache, 2.20 GHz), 8 x 16GB, SFF SAS, 1200W, 4U



Price details:

Price excl. VAT: 28,066.08 €

Eco fees: 0.00 €

VAT 21 %: 5,893.88 €

Product details:

Product code: 793310-B21

EAN: 0888793733622

Manufacturer: Hewlett Packard Enterprise

33,959.96 €

* VAT included

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Does your business demand fast insights, support for increased number of users and uncompromised availability?

The HP ProLiant DL580 Gen9 Server is the HP four socket (4S) enterprise standard x86 server offering commanding performance, rock-solid reliability and availability, and compelling consolidation and virtualization efficiencies.

Supporting Intel® Xeon® E7-4800/8800 v3 processors, the DL580 Gen9 Server offers enhanced processor performance, up to 6 TBs of memory, greater IO bandwidth (9 PCIe Gen 3.0 slots), and 12 Gb/s of SAS speeds. The DL580 Gen9 Server has security and data protection features for system resiliency that your business can depend on. All, making it ideal for mission-critical enterprise, business intelligence, and database applications.

Whether needed for highly virtualized or cloud based deployments, with intelligence and simplicity of automated management with HP OneView and HP iLO 4 your business can achieve agile and lower cost infrastructure management.

Main specifications:

Processor

| | |
|---|-------------------------|
| Processor frequency: | 2.2 GHz |
| Processor family: | Intel Xeon E7 v3 |
| Processor model: | E7-4850V3 |
| Processor cores: | 14 |
| Processor cache type: | Last Level Cache |
| Processor cache: | 35 MB |
| System bus rate: | 8 GT/s |
| Processor socket: | LGA 2011 (Socket R) |
| Processor boost frequency: | 2.8 GHz |
| Processor lithography: | 22 nm |
| Processor threads: | 28 |
| Processor operating modes: | 64-bit |
| Stepping: | E0 |
| FSB Parity: | N |
| Bus type: | QPI |
| Number of QPI links: | 3 |
| Processor codename: | Haswell |
| Tcase: | 70 °C |
| Maximum internal memory supported by processor: | 1536 GB |
| Memory types supported by processor: | DDR4-SDRAM,DDR3-SDRAM |
| Memory clock speeds supported by processor: | 1333,1600,1800,1066 MHz |
| Memory bandwidth supported by processor (max): | 102 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: | 32 |
| PCI Express configurations: | x4, x8, x16 |
| Processor package size: | 52 mm |
| Supported instruction sets: | AVX 2.0 |
| Processor code: | SR221 |
| Scalability: | S4S |
| Physical Address Extension (PAE): | Y |
| Physical Address Extension (PAE): | 46 bit |
| Embedded options available: | N |
| Thermal Design Power (TDP): | 115 W |
| Processor series: | Intel Xeon E7-4800 v3 |
| Conflict Free processor: | Y |

Memory

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|-------------------------------|------------|
| Internal memory: | 128 GB |
| Internal memory type: | DDR4-SDRAM |
| Memory slots: | 48 DIMM |
| Memory layout (slots x size): | 8 x 16 GB |

Storage

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|-------------------------------------|-----|
| Supported storage drive interfaces: | SAS |
|-------------------------------------|-----|

Graphics

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|----------------------------------|---------------|
| On-board graphics adapter: | N |
| On-board graphics adapter model: | Not available |

Networking

| | |
|--------------------------|---------------------|
| Ethernet LAN: | Y |
| Ethernet interface type: | 10 Gigabit Ethernet |

Expansion slots

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

Design

| | |
|---------------------|-----------|
| Chassis type: | Rack (4U) |
| Optical drive type: | N |

Processor special features

| | |
|--|-----|
| CPU configuration (max): | 4 |
| 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: | 2.0 |
| 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® Smart Cache: | 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: | N |
| Intel® Secure Key: | Y |
| Intel TSX-NI: | Y |
| 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 Instruction Replay Technology: | N |

| | |
|--|-------|
| Intel Instruction Replay Technology version: | 0.00 |
| Intel Secure Key Technology version: | 1.00 |
| Intel Virtualization Technology (VT-x): | Y |
| Intel TSX-NI version: | 1.00 |
| Intel Dual Display Capable Technology: | N |
| Intel HD Graphics: | N |
| Intel FDI Technology: | N |
| Intel Fast Memory Access: | N |
| Processor ARK ID: | 84679 |

Power

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|---------------------------------------|--------|
| Redundant power supply (RPS) support: | Y |
| Power supply: | 4800 W |
| Number of main power supplies: | 4 |

Weight & dimensions

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|---------|---------|
| Width: | 444 mm |
| Depth: | 736 mm |
| Height: | 175 mm |
| Weight: | 52800 g |

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