

Hewlett Packard Enterprise ProLiant DL80 G9 server (778641-B21)

ProLiant DL80 Gen9 E5-2609v3 1.9GHz 6-core 8GB-R H240 8LFF 550W PS Entry Server



Price details:

Price excl. VAT: 1,969.93 €

Eco fees: 0.00 €

VAT 21 %: 413.69 €

Product details:

Product code: 778641-B21

EAN: 4514953750920

Manufacturer: Hewlett Packard Enterprise

2,383.62 €

* VAT included

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Do you need an affordable storage server for capacity intensive applications? The HP ProLiant DL80 Gen9 Server is designed with affordable storage, networking and processor scalability, and manageability in a 2U server for cost conscious service provider and SMBs. Apart from basic IT infrastructure workloads this server is ideal for running storage capacity intensive applications like cold storage, back-up due to compelling cost/GB that it offers.

Affordable Storage and IO Expandability for Service Providers and SMBs

The HP ProLiant DL80 Gen9 Server provides ample storage capacity with up to twelve (12) Large Form Factor (LFF) HP SmartDrives, delivering optimal performance, capacity, and reliability to meet various customer segments and workload requirements at the right economics.

Up to six (6) PCIe 3.0 riser slots to support one single-wide GPU or networking cards offering increased IO bandwidth and seamless expandability.

Comes standard with 2x1GbE and choice of HP FlexibleLOM to provide you flexibility of networking bandwidth and fabric so you can adapt to changing business needs.

Just Enough Performance for Basic IT Infrastructure Workloads

The HP ProLiant DL80 Gen9 Server supports up to two (2) Intel® Xeon® processor E5-2600 v3 processors offering improved performance and efficiency.

HP SmartMemory has the built-in intelligence to improve performance, reduce downtime and energy costs resulting in up to 14% better throughput performance and up to 37% lower power consumption with DDR4 memory.

Embedded SATA HP Dynamic Smart Array B140i Controller for boot and data. Choice of HP Smart Array Controllers with increased performance, data availability with 12 Gb/s SAS technology or HP Smart HBAs with reliable high performance SAS connectivity capable of running HBA mode or simple RAID mode.

Agile Infrastructure Management for Accelerating IT Service Delivery

With HP ProLiant DL80 Gen9 Server, HP OneView provides converged management for automation simplicity across servers, storage and networking.

Online personalized dashboard for converged infrastructure health monitoring and support management with HP Insight Online.

Configure in Unified Extensible Firmware Interface (UEFI) boot mode, provision local and remote with Intelligent Provisioning and Scripting Toolkits or HP RESTful Interface Tool.

Embedded management to deploy, monitor and support your server remotely, out of band with HP iLO.

Optimize firmware and driver updates and reduce downtime with HP Smart Update, consisting of HP SUM and SPP.

Energy Efficiency by Design

80 PLUS gold certified entry-level redundant HP Power Supplies provide up to 92% efficiency which combined with HP power management features leads to reduction of power consumption and expense.

Improved ambient temperature standard with ASHRAE A3 2 helps customers reduce cooling expense.

Main specifications:

Processor

| | |
|---|-----------------------|
| Processor frequency: | 1.9 GHz |
| Processor family: | Intel Xeon E5 v3 |
| Processor model: | E5-2609V3 |
| Processor cores: | 6 |
| Number of processors installed: | 1 |
| Processor cache type: | Smart Cache |
| Processor cache: | 15 MB |
| System bus rate: | 6.4 GT/s |
| Processor manufacturer: | Intel |
| Processor socket: | LGA 2011-v3 |
| Motherboard chipset: | Intel C610 |
| Processor lithography: | 22 nm |
| Processor threads: | 6 |
| Processor operating modes: | 64-bit |
| Stepping: | M1 |
| FSB Parity: | N |
| Bus type: | QPI |
| Number of QPI links: | 2 |
| Processor codename: | Haswell |
| Tcase: | 70.9 °C |
| Maximum internal memory supported by processor: | 128 GB |
| Memory types supported by processor: | DDR4-SDRAM |
| Memory clock speeds supported by processor: | 1600,1866,2133 MHz |
| Memory bandwidth supported by processor (max): | 51 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 2.0 |
| 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: | 8 GB |
| Internal memory type: | DDR4-SDRAM |
| Maximum internal memory: | 128 GB |
| Memory slots: | 8x DIMM |
| Memory clock speed: | 2133 MHz |
| Memory layout (slots x size): | 1 x 8 GB |

Networking

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

Ports & interfaces

| | |
|--|---|
| USB 2.0 ports quantity: | 1 |
| VGA (D-Sub) ports quantity: | 1 |
| Ethernet LAN (RJ-45) ports: | 2 |
| USB 3.0 (3.1 Gen 1) Type-A ports quantity: | 2 |

Expansion slots

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

Design

| | |
|-------------------------|-----------|
| Chassis type: | Rack (2U) |
| Optical drive type: | N |
| Redundant fans support: | Y |

Performance

| | |
|-----------------------------|---|
| Operating system installed: | N |
|-----------------------------|---|

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® HT Technology): | N |
| Intel® My WiFi Technology (Intel® MWT): | N |
| Intel® Turbo Boost Technology: | N |
| 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: | 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 Clear Video Technology: | N |
| Intel® Clear Video Technology for Mobile Internet Net 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: | 81897 |

Power

| | |
|--------------------------------|-------|
| Power supply: | 550 W |
| Number of main power supplies: | 1 |

Weight & dimensions

| | |
|---------|----------|
| Width: | 434.7 mm |
| Depth: | 634.3 mm |
| Height: | 87.6 mm |
| Weight: | 27000 g |

Other features

| | |
|---|-----------|
| Graphics adapter: | G200eH2 |
| Graphics adapter family: | Matrox |
| Intel® Virtualization Technology (Intel® VT): | VT-d,VT-x |

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