# Hewlett Packard Enterprise ProLiant ML150 Gen9 server (834613-425)

Intel Xeon E5-2620 v4 (2.1GHz, 20MB), 8GB (1 x 8GB) DDR4, 8 SFF SAS, H240 Host Bus Adapter, 550W PS

**Price details:**
 Price excl. VAT: 1,282.59 €
 Eco fees:  0.00 €
 VAT 21 %: 269.34 €

**Product details:**
 Product code: 834613-425
 EAN: 0889894289025
 Manufacturer: Hewlett Packard Enterprise

**1,551.93 €**

\* VAT included

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Hewlett Packard Enterprise

Product is discontinued. You can not order it anymore.

Are you searching for a tower server to meet the requirements of your small to medium-sized growing business? The HPE ProLiant ML150 Gen9 Server is a tower server that delivers exceptional value for a business with a limited budget with a 24-inch chassis depth. Providing dual processor sockets, it provides essential performance with the Intel® Xeon® E5-2600 v4 processors.

Built-in innovations that simplify server deployment and management, your business can continually reap these benefits on a daily basis, with expansion options that enable you to expand as needed, delivering increased business value. The HPE ProLiant ML150 Gen9 Server provides efficiency and productivity for both the small to medium organization that is growing.

Features

Performance to Meet Growing SMB Requirements
- The HPE ProLiant ML150 Gen9 Server has built-in intelligence, with the right balance of storage, performance, efficiency, manageability and with enough headroom for future growth.
- Supports up to two Intel® Xeon® E5-2600 v4 processors with up to 14 cores offering both improved performance and efficiency.
- Help prevent data loss and downtime with enhanced error handling while improving workload performance and power efficiency with up to (16) DIMM slots of HPE DDR4 SmartMemory.
- Embedded SATA HPE Dynamic Smart Array B140i Controller for boot and data. Choice of HPE Smart Array Controllers for increased performance, data availability and 12 Gb/s SAS technology or HPE Smart HBAs with reliable high-performance SAS connectivity capable of running HBA mode or simple RAID mode.
- Increased GPU support (two single wide and one double wide GPU card support) to boost performance in graphic and VDI applications for financial services, education, scientific research and medical imaging.

Efficiency and Expandability to Fit the Needs of Growing, Budget-Conscious Businesses
- The HPE ProLiant ML150 Gen9 Server is designed as a dual-socket tower server providing configuration flexibility and expansion options to meet a wide range of different capacities, connectivity, and design requirements.
- Flexible expansion capacity with (6) PCIe expansion slots, (8) USB ports, and power supply options.
- Compact server with a 24-inch chassis depth; newly designed and saves precious real estate space and is suitable for your growing business within a compact office environment.
- Offering expandability with greater capacity with up to (10) Large Form Factor (LFF) disk drives or (16) Small Form Factor (SFF) disk drive options and increased I/O expansion.
- Improved ambient temperature standard with ASHRAE A3 1 helps customer reduce cooling expense.

Infrastructure Management for Essential Server Administration
- The HPE ProLiant ML150 Gen9 Server continues to provide a simplified server deployment with tiered management. Businesses continue to reap benefits on a daily basis, while expansion options allow them to grow as needed with HPE Integrated Lights-Out (iLO).
- Configure with the Unified Extensible Firmware Interface (UEFI) boot mode, provision both locally and remotely with either the Intelligent Provisioning or Scripting Toolkits.
- Online personalized dashboard for Converged Infrastructure (CI) for health monitoring and support management from

within HPE Insight Online.
- Optimize firmware and driver updates and reduce downtime with Smart Update, consisting of SUM (Smart Update Manager) and SPP (Service Pack for ProLiant).

Enhanced Serviceability Offerings
- The HPE ProLiant ML150 Gen9 Server delivers a new style IT that delivers simplicity and agility needed to manage business investments.
- Proven HPE ProLiant reliability, exceptional worldwide service 24x7, unparalleled remote management tools that reduce IT travel costs, while increasing time-to-resolution.
- Worldwide availability, service and support with a complete range of service offerings from installation to extended support.

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Main specifications:

## Processor

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|---|---|
| Processor frequency: | 2.1 GHz |
| Processor family: | Intel Xeon E5 v4 |
| Processor model: | E5-2620V4 |
| Processor cores: | 8 |
| Number of processors installed: | 1 |
| Processor cache type: | Smart Cache |
| Processor cache: | 20 MB |
| System bus rate: | 8 GT/s |
| Maximum number of SMP processors: | 2 |
| Processor socket: | LGA 2011-v3 |
| Motherboard chipset: | Intel C610 |
| Processor boost frequency: | 3 GHz |
| Processor lithography: | 14 nm |
| Processor threads: | 16 |
| Processor operating modes: | 64-bit |
| Stepping: | R0 |
| Bus type: | QPI |
| Number of QPI links: | 2 |
| Processor codename: | Broadwell |
| Tcase: | 74 °C |
| Maximum internal memory supported by processor: | 1536 GB |
| Memory types supported by processor: | DDR4-SDRAM |
| Memory clock speeds supported by processor: | 1600,1866,2133 MHz |
| Memory bandwidth supported by processor (max): | 68.3 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 |
| Processor package size: | 52.5 x 51 mm |
| Supported instruction sets: | AVX 2.0 |
| Processor code: | SR2R6 |
| 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 v4 |
| Conflict Free processor: | Y |

## Memory

| | |
|---|---|
| Internal memory: | 8 GB |
| Internal memory type: | DDR4-SDRAM |
| Maximum internal memory: | 512 GB |
| Memory slots: | 16 DIMM |
| Memory clock speed: | 2400 MHz |
| ECC: | Y |
| Memory layout (slots x size): | 1 x 8 GB |

## Storage

| | |
|---|---|
| Hard drive size: | 2.5 " |
| Hard drive interface: | Serial Attached SCSI (SAS) |
| RAID support: | Y |
| Maximum storage capacity: | 32 TB |
| Number of hard drives supported: | 8 |

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

## Ports & interfaces
| | |
|---|---|
| USB 2.0 ports quantity: | 2 |
| VGA (D-Sub) ports quantity: | 1 |
| Ethernet LAN (RJ-45) ports: | 2 |
| USB 3.0 (3.1 Gen 1) Type-A ports quantity: | 4 |

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

## Design
| | |
|---|---|
| Chassis type: | Tower (5U) |
| Optical drive type: | N |

## Performance
| | |
|---|---|
| Operating system installed: | N |
| Compatible operating systems: | Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)VMwareOracle Solaris |

## Processor special features
| | |
|---|---|
| CPU configuration (max): | 2 |
| Enhanced Intel SpeedStep Technology: | Y |
| Intel® Identity Protection Technology (Intel® IPT): | N |
| Intel Virtualization Technology for Directed I/O (VT-d): | Y |
| Intel® Hyper Threading Technology (Intel® HT Technology): | Y |
| Intel® Turbo Boost Technology: | 2.0 |
| Intel® vPro&#8482; Technology: | Y |
| 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® Secure Key: | Y |
| Intel TSX-NI: | Y |
| Intel® OS Guard: | Y |
| Intel 64: | Y |
| Intel Virtualization Technology (VT-x): | Y |
| Processor ARK ID: | 92986 |

## Power
| | |
|---|---|
| Redundant power supply (RPS) support: | N |
| Power supply: | 550 W |
| Number of main power supplies: | 1 |

## Certificates
| | |
|---|---|
| Energy Star certified: | N |

## Weight & dimensions
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|---|---|
| Width: | 200 mm |
| Depth: | 620 mm |
| Height: | 432.6 mm |
| Weight: | 22230 g |

## Other features
| | |
|---|---|
| Graphics adapter: | G200 |
| Graphics adapter family: | Matrox |