

# Hewlett Packard Enterprise ProLiant ML150 G9 server (776275-421)

ProLiant ML150 Gen9 E5-2609v3 1.9GHz 6-core 8GB B140i Hot Plug 4LFF SATA Base 550W PS Server



## Price details:

Price excl. VAT: 1,470.04 €

Eco fees: 0.00 €

VAT 21 %: 308.71 €

## Product details:

Product code: 776275-421

EAN: 4053162972230

Manufacturer: Hewlett Packard Enterprise

**1,778.75 €**

\* VAT included

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Are you searching for a tower server to meet the requirements of your small to medium-sized growing business? The HP 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 v3 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 HP ProLiant ML150 Gen9 Server provides efficiency and productivity for both the small to medium organization that is growing.

### Performance to Meet Growing SMB Requirements

The HP 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 (2) Intel Xeon processor E5-2600 v3 processors with up to 12 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 HP DDR4 SmartMemory.

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

### Efficiency and Expandability to Fit the Needs of Growing, Budget-Conscious Businesses

The HP 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 six (6) PCIe expansion slots, eight (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.

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.

### Infrastructure Management for Essential Server Administration

The HP 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 HP 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 HP Insight Online.

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

## Enhanced Serviceability Offerings

The HP ProLiant ML150 Gen9 Server delivers a new style IT that delivers simplicity and agility needed to manage business investments.

Proven HP 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 HP Carepack offerings from installation to extended support.

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### 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:	368 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:	256 GB
Memory slots:	16x DIMM
Memory clock speed:	2133 MHz
Memory layout (slots x size):	1 x 8 GB

#### Storage

Hard drive interface:	Serial ATA
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#### Networking

Ethernet LAN:	Y
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#### 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
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#### Design

Chassis type:	Tower (5U)
Optical drive type:	N
Redundant fans support:	N

#### Performance

Operating system installed:	N
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#### 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 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:	200 mm
Depth:	620 mm
Height:	432.6 mm
Weight:	22000 g

#### Other features

Graphics adapter family:	NVIDIA
Intel® Virtualization Technology (Intel® VT):	VT-d,VT-x

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