

Hewlett Packard Enterprise ProLiant ML350 Gen9 server (765822-031)

2x Intel Xeon E5-2650 v3 (2.3GHz, 25MB), 32GB (2 x 16GB) RDIMM, 8 SFF HDD, Smart Array P440ar/2GB FBWC, 2x 800W PS



Price details:

Price excl. VAT: 5,169.84 €

Eco fees: 0.00 €

VAT 21 %: 1,085.67 €

Product details:

Product code: 765822-031

EAN: 0888182986042

Manufacturer: Hewlett Packard Enterprise

6,255.51 €

* VAT included

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Product is discontinued. You can not order it anymore.

Do you need to increase your business productivity and improve operations while trying to balance your employees' mobility, security and collaboration needs, all within a limited IT budget? The HP ProLiant ML350 Gen9 Server delivers a class-leading combination of performance, expandability, manageability, reliability and serviceability making it the choice for expanding SMB's, remote offices, and data centers. The ML350 Gen9 Server leverages Intel's latest E5-2600 v3 processors with up to 70% performance gain, plus the latest HP DDR4 SmartMemory offering up to 14% performance increase.

Additional support for 12 Gb/s SAS, Embedded 4x1Gbe NIC with a broad range of graphics and compute options. Manage your HP ProLiant Server in any IT environments by automating the most essential server lifecycle management tasks: deploy, update, monitor, and maintain with ease.

The ML350 Gen9 Server is ideal for infrastructure to mission critical applications, deploy with confidence.

Features

Performance with Unmatched Capacity and Reliability

- The HP ProLiant ML350 Gen9 Server supports up to two Intel® Xeon® processor E5-2600 v3 processors offering improved performance.
- HP Smart Array Controllers are designed to maximize 12 Gb/s performance, data availability and storage capacity while providing the flexibility in choice of solutions that are simple to manage.
- Up to 24 DIMM slots of HP DDR4 SmartMemory, helping to prevent data loss and downtime with enhanced error handling while improving workload performance and power efficiency.

Availability, Expandability and Serviceability - A Winning Combination

- The HP ProLiant ML350 Gen9 Server offers expandability with greater capacity with 8 to 24 LFF, 8 to 48 SFF drive options and Maximum I/O expansion.
- Maximum expansion capacity with 9 PCIe expansion slots, 8 USB ports, 5U Rack conversion, and Power Supply options.
- Embedded 4x1Gbe and choice of HP PCIe standup 1GbE or 10GbE Adapters provide you flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.
- Wider GPU support (4) to boost performance in graphic and VDI applications for financial services, education, scientific research, and medical imaging.
- Worldwide availability, service and support with a complete range of carepack offerings from installation to extended support.

Agile Infrastructure Management for Essential Administration

- The HP ProLiant ML350 Gen9 Server provides powerful converged management capabilities for the infrastructure lifecycle with embedded server management for provisioning, updating and diagnostic support with HP iLO.
- Configure in Unified Extensible Firmware Interface (UEFI) boot mode, provision local and remote with Intelligent Provisioning and Scripting Toolkits.
- Online personalized dashboard for converged infrastructure health monitoring and support management with HP Insight Online.

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

Energy Efficiency by Design

- The HP ProLiant ML350 Gen9 Server offers ENERGY STAR® qualified server configurations illustrate the HP continued commitment to helping customers conserve energy and save money.
 - Next generation high efficiency redundant HP Flexible Slot Power Supplies provide up to 94% efficiency (Platinum Plus) and support for HP's Power Discovery Services.
 - Improved ambient temperature standard with ASHRAE A3 and A4 3 helps you reduce cooling costs.
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Main specifications:

Processor

Processor frequency:	2.3 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2650V3
Processor cores:	10
Number of processors installed:	2
Processor cache type:	Smart Cache
Processor cache:	25 MB
System bus rate:	9.6 GT/s
Maximum number of SMP processors:	2
Processor socket:	LGA 2011-v3
Processor boost frequency:	3 GHz
Processor lithography:	22 nm
Processor threads:	20
Processor operating modes:	64-bit
Stepping:	M1
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Tcase:	78.9 °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):	68 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
Processor code:	SR1YA
Scalability:	2S
Physical Address Extension (PAE):	46 bit
Embedded options available:	N
Thermal Design Power (TDP):	105 W
Processor series:	Intel Xeon E5-2600 v3
Conflict Free processor:	N

Memory

Internal memory:	32 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	384 GB
Memory slots:	24 DIMM
Memory clock speed:	2133 MHz
ECC:	Y
Memory layout (slots x size):	2 x 16 GB

Storage

Hard drive size:	2.5 "
Hard drive interface:	Serial ATA,Serial Attached SCSI (SAS)

RAID support:	Y
Maximum storage capacity:	96 TB
RAID levels:	0,1,5,10
Number of hard drives supported:	8

Networking

Ethernet LAN:	Y
LAN controller:	HP 331i
Ethernet interface type:	Gigabit Ethernet

Ports & interfaces

USB 2.0 ports quantity:	4
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	4
Serial ports quantity:	1
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2

Expansion slots

PCI Express slots version:	3.0
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Design

Chassis type:	Tower (5U)
Optical drive type:	N

Performance

Operating system installed:	N
Compatible operating systems:	Microsoft Windows Server Canonical Ubuntu Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) VMware Citrix XenServer

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:	2.0
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 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:	81705

Power

Redundant power supply (RPS) support:	Y
Power supply:	800 W
Number of redundant power supplies installed:	2

Certificates

Energy Star certified:	Y
Weight & dimensions	
Width:	219 mm
Depth:	769 mm
Height:	464 mm
Weight:	30000 g
Other features	
Graphics adapter:	G200
Graphics adapter family:	Matrox

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