

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

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6,255.51 €

Product is discontinued. You can not order it anymore.

* VAT included

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

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|---|-----------------------|
| 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

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|-------------------------------|------------|
| 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

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

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

Networking

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

Ports & interfaces

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|--|---|
| 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

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

Design

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

Performance

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|-------------------------------|---|
| 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

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

Certificates

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|--------------------------------|---------|
| 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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