

HPE ProLiant ML30 Gen11 Entry (P65095-421)

HPE ProLiant ML30 Gen11 Entry - Server - tower 4U - 1-way - 1 x Xeon E-2434 / up to 5 GHz - RAM 16 GB - SATA - hot-swap 3.5" bay(s) - no HDD - Gigabit Ethernet - monitor: none



The HPE ProLiant ML30 Gen11 Entry server is designed to meet the needs of small to medium-sized businesses looking for a reliable, secure, and efficient infrastructure solution. With its ENERGY STAR certification, this server ensures operational cost savings and a reduced environmental footprint. At its core, an Intel Xeon quad-core processor and 16 GB of DDR5 SDRAM provide the power needed to handle multiple tasks and applications with ease. Security is a priority, featuring a Kensington security slot and compliance with industry standards, ensuring your data is protected. Connectivity is versatile, with options including DisplayPort, VGA, and multiple USB 3.2 Gen 1 ports, facilitating a wide range of business applications and workflows. Expansion is made easy with several PCIe slots and M.2 card support, allowing for future growth and adaptability. The HPE ProLiant ML30 Gen11 Entry is a smart choice for businesses seeking performance, security, and scalability.

Key Selling Points

- ENERGY STAR certified for energy efficiency
- Intel Xeon quad-core processor for performance
- 16 GB DDR5 SDRAM, expandable to meet future needs
- Versatile connectivity with DisplayPort, VGA, and USB 3.2 Gen 1
- Flexible expansion with PCIe and M.2 card support

Product Features

- Energy efficiency**
Certified by ENERGY STAR, this server ensures energy efficiency, reducing operational costs and environmental impact.
- Advanced connectivity**
Equipped with multiple interface options including DisplayPort, VGA, LAN (Gigabit Ethernet), and USB 3.2 Gen 1 ports, this server offers versatile connectivity for various business needs.
- Robust security**
Features like Kensington security slot and padlock eye provide physical security options, while compliance with standards like AES and TLS v1.2 ensures data protection.
- High performance**
Powered by an Intel Xeon quad-core processor and 16 GB of DDR5 SDRAM, this server delivers performance for demanding applications.
- Flexible expansion**
With PCIe slots and M.2 card support, the server offers ample expansion possibilities to meet growing business requirements.

Main specifications

Product Description	HPE ProLiant ML30 Gen11 Entry - tower Xeon E-2434 3.4 GHz - 16 GB - no HDD
Type	Server - tower
Height (Rack Units)	4U
Localisation	Region: EMEA
Server Scalability	1-way
Processor	1 x Intel Xeon E-2434 / 3.4 GHz (up to 5 GHz, (Quad-Core)
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Cache Memory	12 MB
Cache Per Processor	12 MB
RAM	16 GB (installed) / 128 GB (max) - DDR5 SDRAM - ECC
Storage Controller	SATA (SATA 6Gb/s) (Intel VROC SATA Software RAID)
Server Storage Bays	Hot-swap 3.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Video Memory	16 MB
Networking	1GbE
Power Redundancy	Optional
Software Included	HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download)
Dimensions (WxDxH)	17.53 cm x 47.5 cm x 36.83 cm

Weight	10.2 kg
Environmental Standards	ENERGY STAR Qualified EPEAT Bronze
Manufacturer Warranty	Limited warranty - parts - 3 years - on-site - response time: next business day † Limited warranty - parts and labour - 1 year - on-site - response time: next business day

Extended specification

General

Type	Server
Product Form Factor	Tower - 4U
Built-in Devices	Led panel
Embedded Security	Trusted Platform Module (TPM) Security Chip
Server Scalability	1-way
Hot-Swap Bays Qty	4
Localisation	Region: EMEA

Expansion / Connectivity

Bays	4 (total) / 4 (free) x hot-swap 3.5" LFF
Slots	1 (total) / 1 (free) x PCIe 5.0 x16 - full-length, full-height (x16 mode, processor) † 1 (total) / 1 (free) x PCIe 4.0 x8 - full-length, full-height (x4 mode, processor) † 2 (total) / 2 (free) x PCIe 4.0 x8 - half-length, full-height (x4 mode, PCH) † 1 (total) / 1 (free) x M.2 Card
Interfaces	1 x DisplayPort † 1 x VGA † 3 x LAN (Gigabit Ethernet) - RJ-45 (3 rear) † 1 x HPE iLO - Type A (1 front) (service port) † 5 x USB 3.2 Gen 1 (1 front, 4 rear) † 1 x LAN (Gigabit Ethernet) / HPE iLO - RJ-45 (1 rear)

Manufacturer Warranty

Service & Support	Limited warranty - parts - 3 years - on-site - response time: next business day † Limited warranty - parts and labour - 1 year - on-site - response time: next business day
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RAM

Installed Size	16 GB (installed) / 128 GB (max)
Technology	DDR5 SDRAM - ECC
Rated Memory Speed	4800 MHz
Form Factor	DIMM 288-pin
Slots	4 (Total) / 3 (empty)
Features	Unbuffered, HPE Standard Memory
Configuration Features	1 x 16 GB

Networking

Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	Broadcom BCM5719
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Controller	Integrated Lights-Out 6
Features	Wake on LAN (WoL), PXE support

Miscellaneous

Included Accessories	Non-hot plug non-redundant system fan
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock eye
Security Slot Type	Kensington security slot
Compliant Standards	AES, Triple DES, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, Redfish API, ACPI 6.3, Active Directory v1.0, UEFI 2.9, EU Lot 9

Power

Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	1
Max Supported Qty	2
Power Provided	800 watt

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 90% RH (non-condensing)
Sound Emission	22 dBA

Storage Controller

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s
Storage Controller Name	Intel VROC SATA Software RAID
RAID Level	RAID 0, RAID 1, RAID 5, RAID 10

Cache Memory

Installed Size	12 MB
Cache Per Processor	12 MB

Optical Storage

Type	No optical drive
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Operating System / Software

Software	HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download)
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Monitor

Monitor Type	None.
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Graphics Controller

Video Memory	16 MB
Video Interfaces	VGA, DisplayPort

Hard Drive

Type	No HDD
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Dimensions & Weight

Width	17.53 cm
Depth	47.5 cm
Height	36.83 cm
Weight	10.2 kg

Processor / Chipset

CPU	Intel Xeon E-2434
Clock Speed	3.4 GHz
Max Turbo Speed	5 GHz

Number of Cores	Quad-Core
CPU Qty	1
Max CPU Qty	1
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2, Intel Smart Cache
Chipset Type	Intel C262

Sustainability Information

EPEAT Compliant	EPEAT Bronze
ENERGY STAR Certified	Yes
ENERGY STAR Version	4.0

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