

HPE Smart Choice DL360 G11 4510 64G 8SFF EU Svr (P77247-425)

HPE ProLiant DL360 Gen11 4510 2.4GHz 12c 1P 64GB-R 8SFF MR408i-o 2x2.4TB HDD 2x1000W PS EU Server - This HPE pre built server includes the following: - 2x P64706-B21 = HPE 32GB (1x32GB) Dual Rank x8 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit - 2x P28352-B21 = HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD - 2x P03178-B21 = HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit - If you have any questions or additional product requirements, please reach out to our HPE sales team at HPESales@tdsynnex.com.



The HPE ProLiant DL360 Gen11 server offers performance and flexibility for modern data centers. With support for up to 2 Intel Xeon Silver processors and 32 slots for DDR5 SDRAM memory, it ensures efficient data processing and enhanced multitasking capabilities. This server accommodates hot-swap drives, making it easy to manage storage without downtime. The 1U rack-mountable form factor allows for streamlined integration into existing systems, maximizing space utility. Designed with operational efficiency in mind, the server's low power consumption helps to reduce energy costs while maintaining high performance. Its compliance with various environmental standards highlights its commitment to energy efficiency, contributing to a more sustainable IT infrastructure. Additionally, features like remote management protocols and integrated security measures offer management options and data protection, ensuring a solid foundation for virtualized environments and demanding workloads.

Key Selling Points

- Supports up to 2 Intel Xeon Silver processors for efficient performance
- 32 DDR5 SDRAM memory slots for enhanced scalability
- Hot-swap bays allow for flexible storage management
- 80 PLUS Titanium certified power supply for reduced energy costs
- Integrated security with Trusted Platform Module (TPM 2.0)

Product Features

- High-performance processing**
Designed to support up to 2 Intel Xeon Silver processors, the HPE ProLiant DL360 Gen11 server delivers powerful performance suitable for various workloads. The inclusion of Intel Turbo Boost Technology optimizes processor speed to enhance efficiency.
- Versatile memory options**
Equipped with 32 slots for DDR5 SDRAM, this server accommodates significant memory, enabling superior data handling and efficient multitasking capabilities for data-intensive applications.
- Efficient power management**
Featuring an 80 PLUS Titanium certified power supply, the server operates with high energy efficiency, reducing operational costs while maintaining stability under load.
- Flexible storage capabilities**
The HPE ProLiant DL360 Gen11 includes multiple hot-swap bays that support SATA, SAS, and PCI Express interfaces, facilitating easy upgrades and maintenance without the need for downtime.
- Robust remote management**
The server comes with various remote management protocols, including SNMP 3 and IPMI 2.0, allowing for effective system monitoring and management, enhancing operational oversight.

Main specifications

Product Description	HPE ProLiant DL360 Gen11 - rack-mountable Xeon Silver 4510 2.4 GHz - 64 GB - HDD 2 x 2.4 TB
Type	Server - rack-mountable
Height (Rack Units)	1U
Localisation	Region: Europe
Server Scalability	2-way
Processor	1 x Intel Xeon Silver 4510 / 2.4 GHz (up to 4.1 GHz, (12-core)
Processor Main Features	Intel Turbo Boost Technology
Cache Memory	30 MB L3 Cache
Cache Per Processor	30 MB
RAM	64 GB (installed) / 8 TB (max) - DDR5 SDRAM - Advanced ECC
Storage Controller	RAID (Serial ATA-600 / SAS 3.0 / PCI Express (NVMe)) - OCP (HPE MR408i-o Gen11 SPDM)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	2 x HDD 2.4 TB - SAS
Optical Storage	No optical drive

Video Memory	16 MB
Networking	1GbE
Power Redundancy	Optional
OS Provided	No operating system
Software Included	HPE Server UEFI
Dimensions (WxDxH)	43.46 cm x 75.31 cm x 4.29 cm
Weight	14.56 kg
Manufacturer Selling Program	HPE Smart Choice
Environmental Standards	ENERGY STAR Qualified
Manufacturer Warranty	Limited warranty - parts and labour - 3 years - on-site

Extended specification

General

Type	Server
Product Form Factor	Rack-mountable - 1U
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Server Scalability	2-way
Hot-Swap Bays Qty	8
Localisation	Region: Europe

Expansion / Connectivity

Bays	1 (total) / 1 (free) x external Universal Media Bay ¦ 8 (total) / 6 (free) x hot-swap 2.5" SFF
Slots	2 (total) / 0 (free) x PCIe 5.0 x16 / Open Compute Project mezzanine (OCP) 3.0 (x16 mode)
Interfaces	1 x HPE iLO - Type A (1 in front) ¦ 1 x HPE iLO - RJ-45 ¦ 4 x USB 3.2 Gen 1 (1 front, 2 rear, 1 internal) ¦ 1 x VGA ¦ 4 x LAN (Gigabit Ethernet) - RJ-45 ¦ 1 x USB 2.0

Manufacturer Warranty

Service & Support	Limited warranty - parts and labour - 3 years - on-site
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RAM

Installed Size	64 GB (installed) / 8 TB (max)
Technology	DDR5 SDRAM - Advanced ECC
Effective Memory Speed	2800 MHz
Rated Memory Speed	2800 MHz
Form Factor	DIMM 288-pin
Slots	32 (Total) / 30 (empty)
Features	HPE SmartMemory, registered, slots 17 - 32 are available in two-processor configuration only
Configuration Features	2 x 32 GB

Networking

Interface (Bus) Type	Open Compute Project mezzanine (OCP) 3.0
Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	Broadcom BCM5719
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0, SMASH CLP
Remote Management Controller	Integrated Lights-Out 6
Features	Wake on LAN (WoL), PXE support
Compliant Standards	OCP 3.0

Miscellaneous

Included Accessories	5 x standard fans
Compliant Standards	ASHRAE Class A3, ASHRAE Class A4, TLS v1.2, AES, FIPS 140-2, IPv6 Ready, PCI DSS, WEEE 2002/95/EC, ACPI 6.4
Manufacturer Selling Program	HPE Smart Choice

Power

Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	2
Max Supported Qty	2
Voltage Required	AC 100-240 V
Power Provided	1000 watt
80 PLUS Certification	80 PLUS Titanium

Environmental Parameters

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

Storage Controller

Type	1 x RAID - OCP
Controller Interface Type	Serial ATA-600 / SAS 3.0 / PCI Express (NVMe)
Storage Controller Name	HPE MR408i-o Gen11 SPDM
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 10, RAID 50, RAID 60
Buffer Size	4 GB

Cache Memory

Installed Size	L3 Cache - 30 MB
Cache Per Processor	30 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	No operating system
OS Certified	VMware vSphere 8.0 (ESXi), SuSE Linux Enterprise Server 11 SP4, Ubuntu 22.04
Software	HPE Server UEFI

Monitor

Monitor Type	None.
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Graphics Controller

Video Memory	16 MB
Video Interfaces	VGA

Hard Drive

Type	HDD
Capacity	2 x 2.4 TB
Interface Type	SAS

Dimensions & Weight

Width	43.46 cm
Depth	75.31 cm
Height	4.29 cm
Weight	14.56 kg

Processor / Chipset

CPU	Intel Xeon Silver 4510
Clock Speed	2.4 GHz
Max Turbo Speed	4.1 GHz
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology
Chipset Type	Intel C741

Sustainability Information

ENERGY STAR Certified	Yes
ENERGY STAR Version	4.0

What's in the box

HPE ProLiant DL360 Gen11

5 x standard fans

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