

HPE Smart Choice ProLiant Compute DL340 Gen12 6505P Svr (P87782-425)

HPE ProLiant Compute DL340 Gen12 6505P 12c 1x64GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server - This HPE pre built server includes the following: - 1 x P69728-B21 = HPE 64GB (1x64GB) Dual Rank x4 DDR5-6400 CAS-46-45-45 EC8 Registered - 2 x P40497-B21 HPE 480GB SATA 6G Read Intensive SFF (2.5in) Basic Carrier Multi Vendor SSD - 2 x P67240-B21 = HPE 1000W M-CRPS 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 DL340 Gen12 is designed for performance and reliability in demanding environments. With a rack-mountable form factor, it fits seamlessly into standard racks, maximizing space efficiency. The server's hot-swap storage bays allow for quick maintenance, ensuring minimal downtime during upgrades and repairs. Equipped with features such as Intel Xeon processors and DDR5 SDRAM memory, the DL340 supports enhanced processing capabilities and memory efficiency. The integrated HPE iLO provides effective remote management, enhancing operational flexibility while ensuring secure access to critical systems from anywhere. Built to operate in a wide range of environmental conditions, this server maintains performance even in high-demand settings.

Key Selling Points

- Rack-mountable design saves space in server rooms
- Hot-swap storage bays simplify maintenance
- Supports Intel Xeon processors for robust performance
- HPE iLO integration enables remote management capabilities
- Operates efficiently in a broad temperature and humidity range

Product Features

- Versatile storage capabilities**
The HPE ProLiant DL340 Gen12 features hot-swap server storage bays, allowing for rapid replacement and addition of drives without downtime, ensuring business continuity during updates.
- Robust processing power**
With Intel Xeon processors, this server delivers high performance and efficiency, making it suitable for various applications in demanding environments.
- Comprehensive remote management**
Integrated Lights-Out 7 technology allows for effective remote control and monitoring of server systems, facilitating quick troubleshooting and maintenance from any location.
- Enhanced stability in various conditions**
Designed to operate within 10°C to 35°C and a humidity range of 8 to 90% RH, it supports stable performance in diverse environmental conditions without compromising reliability.
- Secure embedded features**
The Trusted Platform Module (TPM 2.0) security chip enhances data protection, providing a secure foundation for the server and ensuring compliance with standards.

Main specifications

Product Description	HPE ProLiant Compute DL340 Gen12 - rack-mountable Xeon 6505P 2.2 GHz - 64 GB - SSD 2 x 480 GB
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Europe
Server Scalability	1-way
Processor	1 x Intel Xeon 6505P / 2.2 GHz (up to 4.1 GHz, (12-core)
Processor Main Features	Intel Turbo Boost Technology 2, Hyper-Threading Technology, 24 Threads, 150W TDP
Cache Memory	48 MB L3 Cache
Cache Per Processor	48 MB
RAM	64 GB (installed) / 4 TB (max) - DDR5 SDRAM
Storage Controller	RAID (Serial ATA-600 / SAS 3.0 / PCI Express (NVMe)) - OCP 3.0 (HPE MR408i-o Gen11 SPDM)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	2 x SSD 480 GB
Optical Storage	No optical drive
Video Memory	16 MB

Power Redundancy	Yes
Dimensions (WxDxH)	44.8 cm x 63.95 cm x 8.75 cm
Weight	17.6 kg
Manufacturer Warranty	Limited warranty - parts and labour - 3 years - on-site

Extended specification

General

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

Expansion / Connectivity

Bays	8 (total) / 6 (free) x hot-swap 2.5" SFF
Slots	3 (total) / 3 (free) x PCIe 5.0 x16 ¦ 1 (total) / 0 (free) x Open Compute Project mezzanine (OCP) 3.0 (slot A)
Interfaces	1 x HPE iLO - Type C (1 in front) (service port) ¦ 1 x management (Gigabit Ethernet) - RJ-45 (1 front) (HPE iLO Service Port) ¦ 4 x USB 3.2 Gen 1 - Type A (1 front, 2 rear, 1 internal) ¦ 1 x VGA (1 rear)

Manufacturer Warranty

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

Installed Size	64 GB (installed) / 4 TB (max)
Technology	DDR5 SDRAM
Form Factor	DIMM 288-pin
Slots	16 (Total) / 15 (empty)
Features	HPE SmartMemory, registered
Configuration Features	1 x 64 GB

Networking

Remote Management Controller	Integrated Lights-Out 7
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Miscellaneous

Compliant Standards	ACPI 6.4, Energy Star, SMBIOS 3.4, Redfish API, AES, Triple DES, TLS v1.2, Active Directory v1.0, ASHRAE Class A3, ASHRAE Class A4, ErP Lot 9
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Power

Device Type	Power supply - hot-plug
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Installed Qty	2
Max Supported Qty	2
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 3.0
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 6, RAID 10, RAID 50, RAID 60
Buffer Size	4 GB

Cache Memory

Installed Size	L3 Cache - 48 MB
Cache Per Processor	48 MB

Optical Storage

Type	No optical drive
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Monitor

Monitor Type	None.
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Graphics Controller

Video Memory	16 MB
Video Interfaces	VGA

Hard Drive

Type	SSD
Capacity	2 x 480 GB

Dimensions & Weight

Width	44.8 cm
Depth	63.95 cm
Height	8.75 cm
Weight	17.6 kg

Processor / Chipset

CPU	Intel Xeon 6505P
Clock Speed	2.2 GHz
Max Turbo Speed	4.1 GHz
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	1
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2, Hyper-Threading Technology, 24 Threads, 150W TDP

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet