

HPE Smart Choice DL385 G11 9124 64G 8SFF EU Svr(P77245-425)

HPE ProLiant DL385 Gen11 9124 3.0GHz 16c 64GB-R 8SFF MR408i-o 2x480GB SATA SSD 2x1000W PS EU Server - This HPE pre built server includes the following: - 2x P50311-B21 = HPE 32GB (1x32GB) Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit - 2x P40497-B21 = HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD - 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 DL385 Gen11 server is a 2U 2P solution that delivers exceptional compute performance, upgraded high-speed data transfer rate and memory depth at 2P compute capability. Powered by 4th Generation AMD EPYC 9004 Series Processors, increased memory bandwidth and capacity, high-speed PCIe Gen5 I/O, enhanced GPU support, and EDSFF storage, the HPE ProLiant DL385 Gen11 server is a superb accelerator-optimized 2U 2P solution. Enhanced security features with the silicon root of trust from HPE are built into the firmware, creating a digital fingerprint for the AMD Secure Processor to validate safe operation prior to boot. HPE ProLiant DL385 Gen11 server is an excellent choice for compute and data storage demanding workloads requiring increased core count, and storage and I/O scalability.

Key Selling Points

Intuitive cloud operating experience: simple, self-service, and automated
Trusted security by design: uncompromising, fundamental, and protected
Customized performance for your workloads: accelerated, open, and efficient

Product Features

Intuitive cloud operating experience: simple, self-service, and automated

HPE ProLiant DL385 Gen11 servers are engineered for your hybrid world. The HPE ProLiant Gen11 servers simplify the way you control your business's compute - from edge to cloud - with a cloud operating experience. Transform business operations and pivot your team from reactive to proactive with global visibility and insight through a self-service console. Automate tasks for efficiency in deployment and instant scalability for seamless, simplified support and lifecycle management, reducing tasks and shortening maintenance windows. These experiences are engineered and built into all HPE ProLiant Gen11 servers, whether purchased as physical servers or consumed as-a-service using HPE GreenLake as your compute and storage demands grow. Simplify and secure server management from edge to cloud with HPE GreenLake for Compute Ops Management. HPE GreenLake for Compute Ops Management is an as-a-service compute management experience that delivers greater simplicity, agility, and speed across your entire compute landscape, globally.

Trusted security by design: uncompromising, fundamental, and protected

The HPE ProLiant DL385 Gen11 server is tied into the silicon root of trust and the AMD Secure Processor, a dedicated security processor embedded in the AMD EPYC system on a chip (SoC), to manage secure boot, memory encryption, and secure virtualization. HPE ProLiant Gen11 servers use the silicon root of trust to anchor the firmware of an HPE ASIC, creating an immutable fingerprint for the AMD Secure Processor that must be matched exactly before the server will boot. This verifies that malicious code is contained, and healthy servers are protected. HPE ProLiant Gen11 servers continuously protect healthy servers at the edge by providing rapid detection of security-compromised servers, even to the point of not allowing them to boot if it identifies and contains malicious code, with IDevID certificates installed by default. HPE ProLiant Gen11 servers provide automated recovery from a security event, including restoration of validated firmware, and facilitating recovery of the operating system, application, data connections, and providing a fast path to bring a server back online and into normal operations. From silicon to software, from factory to cloud, and from generation to generation, HPE ProLiant Gen11 is engineered with a fundamental security approach to defend against increasingly complex threats through an uncompromising commitment to constant security advancements that are built into their DNA.

Customized performance for your workloads: accelerated, open, and efficient

Harness major computer performance. The HPE ProLiant DL385 Gen11 server is powered by the 4th Generation AMD EPYC 9004 Series Processors with 5 nm technology that supports up to 96 cores, 400W, and 384 MB of L3 cache. Advanced data transfer rates and higher network speeds from the PCIe Gen5 serial expansion bus, with PCIe Gen5 and two OCP slots, improve I/O throughput and reduce latency. Increased memory bandwidth and performance, and lower power requirements with 12 DIMM channels per processor for DDR5 memory. Provide real-time operational feedback on server performance plus recommendations for fine-tuning BIOS settings to customize for changing business needs.

Main Specifications

Product Description	HPE ProLiant DL385 Gen11 - rack-mountable EPYC 9124 3 GHz - 64 GB - SSD 2 x 480 GB
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: EMEA
Server Scalability	2-way
Processor	1 x AMD EPYC 9124 / 3 GHz (up to 3.7 GHz, (16-core)
Cache Memory	64 MB L3 Cache
Cache Per Processor	64 MB
RAM	64 GB (installed) / 6 TB (max) - DDR5 SDRAM
Storage Controller	RAID OCP (HPE MR408i-o Gen11 SPDM)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	2 x SSD 480 GB - SATA
Optical Storage	No optical drive
Video Memory	16 MB
Networking	1GbE, 10GbE
Power	(50/60 Hz)
Power Redundancy	Yes
Dimensions (WxDxH)	43.47 cm x 64.64 cm x 8.75 cm
Weight	16.78 kg
Manufacturer Selling Program	HPE Smart Choice
Environmental Standards	ENERGY STAR Qualified
Manufacturer Warranty	Limited warranty - parts and labour - 3 years - on-site - response time: next business day

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	2-way
Hot-Swap Bays Qty	8
Localisation	Region: EMEA

Expansion / Connectivity

Bays	8 (total) / 6 (free) x hot-swap 2.5" SFF
Slots	1 (total) / 1 (free) x PCIe 5.0 x16 (x16 mode)
Interfaces	1 x HPE iLO (1 in front) (service port) ¦ 5 x USB 3.2 Gen 1 (1 front, 2 rear, 2 internal) ¦ 1 x VGA ¦ 2 x LAN (1/10 Gigabit Ethernet)

Manufacturer Warranty

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

Installed Size	64 GB (installed) / 6 TB (max)
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Technology	DDR5 SDRAM
Effective Memory Speed	4800 MHz
Rated Memory Speed	4800 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 22 (empty)
Features	Registered, HPE SmartMemory, slots 13 - 24 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	2 x 10 Gigabit Ethernet
Ethernet Controller	Broadcom BCM57416
Data Link Protocol	Gigabit Ethernet, 10 Gigabit Ethernet
Remote Management Protocol	IPMI 2.0, SNMP 3
Remote Management Controller	Integrated Lights-Out 6
Features	Wake on LAN (WoL), PXE support

Miscellaneous

Included Accessories	6 x standard fans, HPE standard heatsink, HPE Easy Install Rail 2 Kit
Compliant Standards	AES, FIPS 140-2, Triple DES, IPv6 Ready, PCI DSS, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, WEEE 2002/95/EC, ACPI 6.1, SMBIOS 3.1, UEFI 2.7, Redfish API, APML 1.0, Active Directory v1.0
Manufacturer Selling Program	HPE Smart Choice

Power

Device Type	Power supply - hot-plug
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Installed Qty	2
Max Supported Qty	2
Voltage Required	AC 100-240 V (50/60 Hz)
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
Storage Controller Name	HPE MR408i-o Gen11 SPDM
Channel Qty	8
Buffer Size	4 GB

Cache Memory

Installed Size	L3 Cache - 64 MB
Cache Per Processor	64 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
Interface Type	SATA

Dimensions & Weight

Width	43.47 cm
Depth	64.64 cm
Height	8.75 cm
Weight	16.78 kg

Dimensions & Weight (Shipping)

Shipping Width	60 cm
Shipping Depth	99.8 cm
Shipping Height	27 cm
Shipping Weight	26.2 kg

Processor / Chipset

CPU	AMD EPYC 9124
Clock Speed	3 GHz
Max Turbo Speed	3.7 GHz
Number of Cores	16-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable

Sustainability Information

ENERGY STAR Certified	Yes
ENERGY STAR Version	4.0

What's in the box

HPE ProLiant DL385 Gen11
HPE standard heatsink, 6 x standard fans, HPE Easy Install Rail 2 Kit

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