

HPE ProLiant DL345 Gen10 Plus

Server - rack-mountable - 2U - 1-way - 1 x EPYC 7443P / 2.85 GHz - RAM 32 GB - SAS - hot-swap 2.5" bay(s) - no HDD - 10 GigE - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P39267-B21
EAN/UPC	0190017487595



Description

Building on HPE ProLiant as the intelligent foundation for hybrid cloud, the HPE ProLiant DL345 Gen10 Plus server offers the 3rd Generation AMD EPYC, delivering excellent performance on a single socket design. Equipped with PCIe Gen4 capabilities, HPE ProLiant DL345 Gen10 Plus server offers improved data transfer rates and higher networking speeds. Enclosed in a 2U server chassis, this one-socket server improves storage capacity across SAS/SATA/NVMe storage options, making it an ideal solution for key applications such as structured/unstructured database management.

Main features

Product Description	HPE ProLiant DL345 Gen10 Plus - rack-mountable - EPYC 7443P 2.85 GHz - 32 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Worldwide
Server Scalability	1-way
Processor	1 x AMD EPYC 7443P / 2.85 GHz (4 GHz) (24-core)
Cache Memory	128 MB L3 Cache
Cache Per Processor	128 MB
RAM	32 GB (installed) / 1 TB (max) - DDR4 SDRAM
Storage Controller	RAID (SAS 12Gb/s) (HPE Smart Array P408i-a SR Gen10)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Networking	10 GigE
Power Redundancy	Optional
Dimensions (WxDxH)	44.54 cm x 71.1 cm x 8.75 cm
Weight	16.33 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

General

Type	Server
Product Form Factor	Rack-mountable - 2U
Server Scalability	1-way
Hot-Swap Bays Qty	8
Localisation	Region: Worldwide
Processor / Chipset	
CPU	AMD EPYC 7443P
Clock Speed	2.85 GHz
Max Turbo Speed	4 GHz
Number of Cores	24-core
CPU Qty	1
Max CPU Qty	1
Cache Memory	
Installed Size	L3 Cache - 128 MB
Cache Per Processor	128 MB
RAM	
Installed Size	32 GB / 1 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	3200 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	16 (Total) / 15 (empty)
Features	Registered, 8-channel memory architecture, HPE SmartMemory
Configuration Features	1 x 32 GB
RAM Supported	4 TB Load-Reduced 1 TB registered
Hard Drive	
Type	No HDD
Storage Controller	
Type	1 x RAID
Controller Interface Type	SAS 12Gb/s
Storage Controller Name	HPE Smart Array P408i-a SR Gen10
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, RAID 1 ADM, RAID 10 ADM
Buffer Size	2 GB
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.

	Graphics Controller
Video Interfaces	VGA
	Networking
Interface (Bus) Type	Open Compute Project mezzanine (OCP) 3.0
Ethernet Ports	2 x 10 Gigabit Ethernet
Data Link Protocol	10 Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0
Remote Management Controller	Integrated Lights-Out 5
Features	Wake on LAN (WoL), PXE support
	Expansion / Connectivity
Bays	8 (total) / 8 (free) x hot-swap 2.5" SFF
Slots	2 (total) / 2 (free) x PCIe 4.0 x16 - full-length, full-height
Interfaces	1 x HPE iLO (1 in front) (service port) 4 x USB 3.1 Gen 1 (1 front, 2 rear, 1 internal) 1 x VGA 1 x HPE iLO
	Miscellaneous
Included Accessories	LFF Easy Install rails, 6 x standard fans
Compliant Standards	AES, WEEE, Triple DES, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, ACPI 6.1, Redfish API, UEFI, SMBIOS 3.1
	Power
Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Voltage Required	AC 100-120/200-240 V
Power Provided	800 Watt
	Operating System / Software
Software	HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download)
	Environmental Standards
ENERGY STAR Certified	Yes
ENERGY STAR Version	3.0
	Manufacturer Warranty
Service & Support	Limited warranty - parts and labour - 3 years - on-site - response time: next business day
	Dimensions & Weight
Width	44.54 cm
Depth	71.1 cm
Height	8.75 cm
Weight	16.33 kg
	Environmental Parameters
Min Operating Temperature	10 °C

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

Technical data © 1WorldSync. Subject to technical modifications and errors.