



HPE ProLiant DL345 Gen10 Plus Entry

Server - rack-mountable - 2U - 1-way - 1 x EPYC 7232P / 3.1 GHz - RAM 32 GB - SAS - hot-swap 3.5" bay(s) - no HDD - GigE - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P39265-B21
EAN/UPC	0190017487571

Description

The HPE ProLiant DL345 Gen10 Plus server is redefining price/performance with the new math for virtualized compute. Powered by the latest AMD EPYC 7003 Series Processors, the HPE ProLiant DL345 Gen10 Plus server offers greater processing power, faster memory speeds up to 3200 MT/s. and increased data transfer rates with PCIe Gen4 capabilities. This 1P, 2U server has been designed with flexibility while delivering a high core count and large memory footprint. Choose this purpose-built platform for virtualization, High Performance Compute and memory centric workloads.

Main features

Product Description	HPE ProLiant DL345 Gen10 Plus Entry - rack-mountable - EPYC 7232P 3.1 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 7232P / 3.1 GHz (3.2 GHz) (8-core)
Cache Memory	32 MB
Cache Per Processor	32 MB
RAM	32 GB (installed) / 2 TB (max) - DDR4 SDRAM
Storage Controller	RAID (SAS 12Gb/s) (HPE Smart Array P408i-a SR Gen10)
Server Storage Bays	Hot-swap 3.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Video Memory	16 MB
Networking	GigE
Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Optional
Dimensions (WxDxH)	44.54 cm x 74.9 cm x 8.75 cm



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 7232P
Clock Speed	3.1 GHz
Max Turbo Speed	3.2 GHz
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	1

Cache Memory

Installed Size	32 MB
Cache Per Processor	32 MB

RAM

Installed Size	32 GB / 2 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, slots 17 - 32 are available in two-processor configuration only
Configuration Features	1 x 32 GB

Hard Drive

Type	No HDD
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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
Buffer Size	2 GB

Optical Storage

Type	No optical drive
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Monitor

Monitor Type	None.
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Graphics Controller

Video Memory	16 MB
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Video Interfaces	VGA
Networking	
Ethernet Ports	4 x Gigabit Ethernet
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Features	Wake on LAN (WoL), PXE support
Compliant Standards	OCP 3.0
Expansion / Connectivity	
Bays	8 (total) / 8 (free) x hot-swap 3.5" LFF
Slots	3 (total) / 3 (free) x PCIe 4.0 x16 - full-length, full-height (x16 mode)
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 4 x LAN (Gigabit Ethernet)
Miscellaneous	
Included Accessories	LFF Easy Install rails, 6 x standard fans
Compliant Standards	AES, Triple DES, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, WEEE 2002/95/EC, 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)
Installed Qty	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	500 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	74.9 cm
Height	8.75 cm
Environmental Parameters	
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 90% (non-condensing)