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Overview

P06477-B21 is the HPE ProLiant DL20 Gen10 E-2124 3.3GHz 4-core 1P 16GB-U 2LFF 290W PS Perf Server. The dense and compact HPE ProLiant DL20 Gen10 Server powered by Intel® Xeon® E Processor, Pentium and Core i3 processors provides a unique blend of enterprise class capabilities & value. It offers outstanding configuration flexibility to cater to a wide variety of business requirements at an affordable price point. Deploy this dense platform for diverse workloads in space constrained environments and maintain it with ease by automating the most essential server lifecycle management tasks with HPE iLO 5.

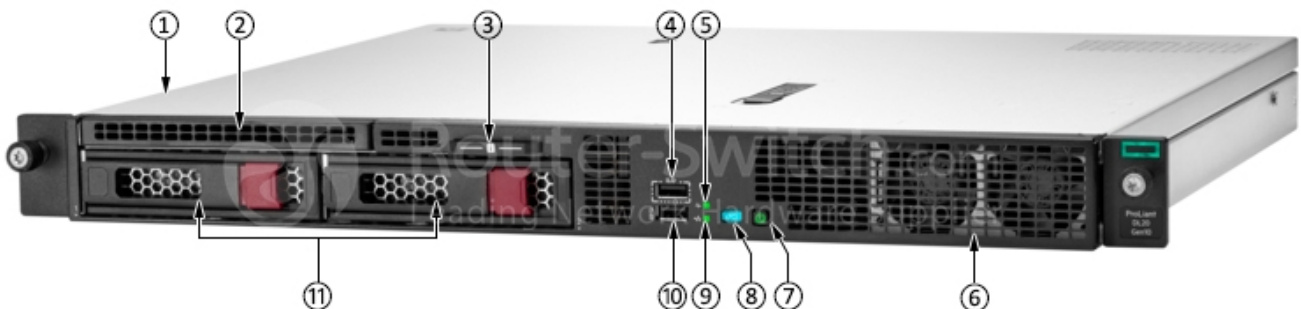
Quick Spec

Table 1 shows the quick spec.

SKU Number	P06477-B21
Model Name	HPE ProLiant DL20 Gen10 E-2124 3.3GHz 4-core 1P 16GB-U 2LFF 290W PS Perf Server
Processor	Intel® Xeon® E-2124
Number of Processors	1
Memory	16GB (1x16GB UDIMM, 2666 MHz)
Network Controller	HPE embedded 1Gb 2-port 332i network Adapter
Storage Controller	Embedded 14-port S100i NOTE: SATA only
Hard Drive	None ship standard
Internal Storage	2 LFF HDD Bays (Hot Plug)
Optical Drive Bay	1; (Optional: DVD-ROM, DVD-RW)
Optical Drive	None
PCI-Express Slots	2 PCIe 3.0 slots
Power Supply	(1) 290W Non Hot Plug Power Supply
Fans	3 non hot plug, non-redundant

Product Details

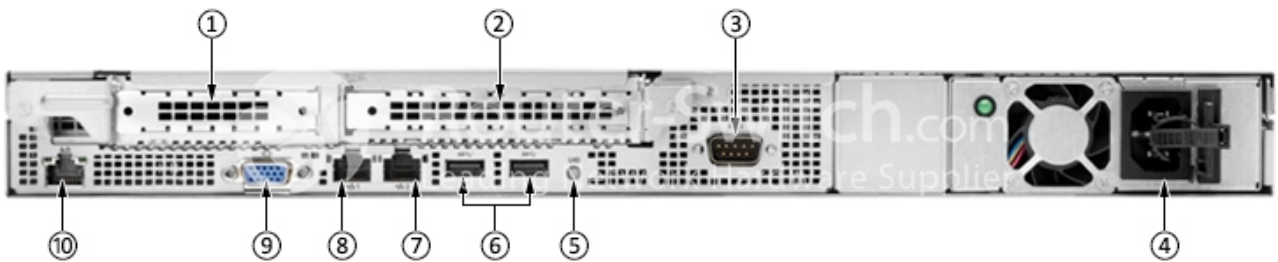
Figure 1 shows the HPE DL20 Gen10 2LFF front panel.



Note:

(1)	Access Panel	(7)	System Power LED
(2)	Optical drive bay	(8)	UID LED
(3)	Serial number/iLO information pull tab	(9)	NIC Status LED
(4)	iLO Service Port (USB)	(10)	USB 3.0 Port
(5)	Health LED	(11)	Two-bay LFF hot-plug drive bays
(6)	Front Fan Assembly		

Figure 2 shows the HPE DL20 Gen10 rear panel.



Note:

(1)	Slot 1 PCIe 3.0	(6)	Two USB 3.0 Ports
(2)	Slot 2 PCIe 3.0	(7)	NIC Port (1Gb)
(3)	Option: Serial Port	(8)	NIC port (1Gb) /iLo port
(4)	290W Non hotplug Power Supply	(9)	VGA port
(5)	UID LED	(10)	Option: Dedicated iLO Management Port

Options

Table 2 recommends the optional accessories.

Model	Description
P06731-B21	HPE DL20 Gen10 290W FIO Power Supply Unit Kit
865408-B21	HPE 500W FS Plat Ht Plg LH Pwr Sply Kit
865434-B21	HPE 800W FS 48VDC Ht Plg LH Pwr Sply Kit
P06722-B21	HPE DL20 Gen10 RPS Enablement FIO Kit
P06667-B21	HPE DL20 Gen10 x8x16 FlexibleLOM Riser Kit
P09145-B21	HPE DL20 Gen10 PCIe Low Profile Riser Kit
881787-B21	HPE 12TB SATA 7.2K LFF LP He 512e DS HDD
834028-B21	HPE 8TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty 512e Digitally Signed Firmware HDD
861683-B21	HPE 4TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty Digitally Signed Firmware HDD

861681-B21	HPE 2TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty Digitally Signed Firmware HDD
833926-B21	HPE 2TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty Digitally Signed Firmware HDD
881781-B21	HPE 12TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty Helium 512e Digitally Signed Firmware HDD

Compare to Similar Items

Table 3 shows the comparison.

SKU Number	P06476-B21	P08335-B21	P06477-B21	P06478-B21
Model Name	HPE DL20 Gen10 G5400 1P 8G NHP Ety Svr	HPE DL20 Gen10 E-2124 1P 8G NHP Ety Svr	HPE DL20 Gen10 E-2124 1P 16G Perf Svr	HPE DL20 Gen10 E-2136 1P 16G Perf Svr
Processor	Intel® Pentium® G5400	Intel® Xeon® E-2124	Intel® Xeon® E-2124	Intel® Xeon® E-2136
Number of Processors	One			
Memory	8GB (1x8GB UDIMM, 2666 MHz)	8GB (1x8GB UDIMM, 2666 MHz)	16GB (1x16GB UDIMM, 2666 MHz)	16GB (1x16GB UDIMM, 2666 MHz)
Network Controller	HPE embedded 1Gb 2-port 332i network Adapter			
Storage Controller	Embedded 14-port S100i NOTE: SATA only			
Hard Drive	None ship standard; includes 2 LFF hard drive blanks		None ship standard	
Internal Storage	2 LFF HDD Bays (Non Hot Plug)		2 LFF HDD Bays (Hot Plug)	4 SFF HDD Bays (Hot Plug)
Optical Drive Bay	1; (Optional: DVD-ROM, DVD-RW)			
Optical Drive	None			
PCI-Express Slots	2 PCIe 3.0 slots			
Power Supply	(1) 290W Non Hot Plug Power Supply			1 x 500W
Fans	3 non hot plug, non-redundant			

Get More Information

Do you have any question about the P06477-B21?

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Specification

P06477-B21 Specification	
Model Name	HPE ProLiant DL20 Gen10 E-2124 3.3GHz 4-core 1P 16GB-U 2LFF 290W PS Perf Server
Processor	Intel® Xeon® E-2124
Number of Processors	1
Memory	16GB (1x16GB UDIMM, 2666 MHz)
Network Controller	HPE embedded 1Gb 2-port 332i network Adapter
Storage Controller	Embedded 14-port S100i NOTE: SATA only
Hard Drive	None ship standard

Internal Storage	2 LFF HDD Bays (Hot Plug)
Optical Drive Bay	1; (Optional: DVD-ROM, DVD-RW)
Optical Drive	None
PCI-Express Slots	2 PCIe 3.0 slots
Power Supply	(1) 290W Non Hot Plug Power Supply
Fans	3 non hot plug, non-redundant
Management	iLO Management (standard), Intelligent Provisioning (standard), iLO Essentials (optional), iLO Scale-out (optional only for DL), iLO Advanced (optional)
Form Factor	Rack (1U), HPE Short Friction Rail Kit
Dimensions (Height x Width x Depth)	LFF Drives: 4.32 x 43.46 x 38.22 cm 1.70 x 17.11 x 15.05 in
Altitude	Operating: 3050 m (10,000 ft). This value may be limited by the type and number of options installed. Maximum allowable altitude change rate is 457 m/min (1500 ft/min). Non-operating: 9144 m (30,000 ft). Maximum allowable altitude change rate is 457 m/min (1500 ft/min).

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Support and Resources

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