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Overview

The dense and compact HPE ProLiant DL20 Gen9 Server powered by Intel® Pentium®, Core i3 and E3-1200 v5/v6 processors provides a unique blend of enterprise-class capabilities at a great value—making it an ideal rack server platform for growing businesses and service providers. HPE 871429-B21 offers outstanding configuration flexibility to cater to a wide variety of business requirements at an affordable price point. The DL20 Gen9 Server offers a range of HPE Qualified Options to fit most needs like affordable drives for light workloads, solid state drives for the demanding requirements, from a single non-hot plug power supply to an efficient HPE Hot Plug Redundant Power supply, from multiple storage controllers to the HPE FlexibleLOM networking cards—helping customers find the right configuration for their workloads.

Quick Spec

Figure 1 shows the appearance of HPE 871429-B21.



Table 1 shows the quick spec.

Product Code	871429-B21
Description	HPE ProLiant DL20 Gen9 E3-1220v6 3.0GHz 4-core 8GB-U B140i 2LFF 290W PS Base Server
Processor	Intel® Xeon® E3-1220 v6 (4 core, 3 GHz, 8MB, 72W)
Number of processors	1
Processor core available	4
Processor cache	8MB
Processor speed	3.0GHz
Product dimensions (H x W x D)	17.1 x 15.05 x 1.7 in
Weight	17.41 lb

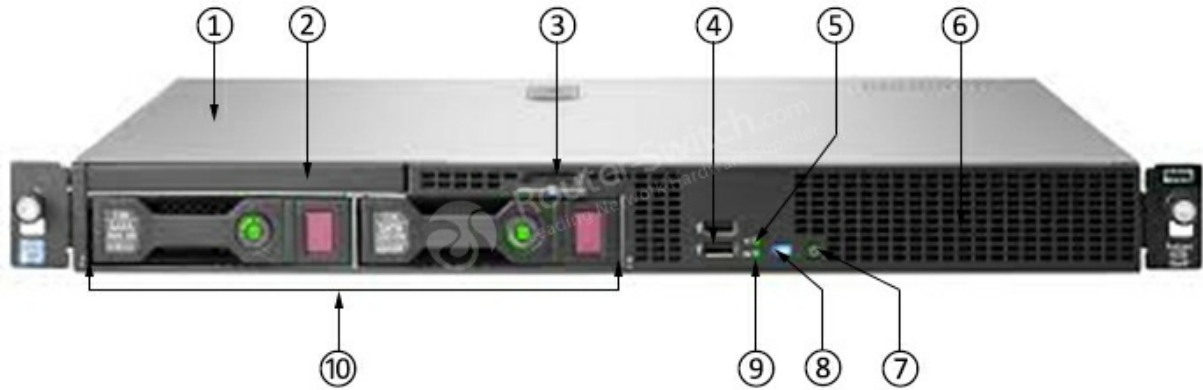
Product Details

Table 2 shows the bundle models of 871429-B21.

Model	Description
819785-B21	HPE DL20 Gen9 2LFF CTO Server
871049-L21	HPE DL20 Gen9 E3-1220v6 FIO Kit
862974-B21	HPE 8GB 1Rx8 PC4-2400T-E STND Kit

854846-B21	HPE DL20 Gen9 PCIe LP Riser FIO Kit
775612-B21	HPE 1U Short Friction Rail Kit
816283-B21	HPE DL20 Gen9 290W FIO PSU Kit

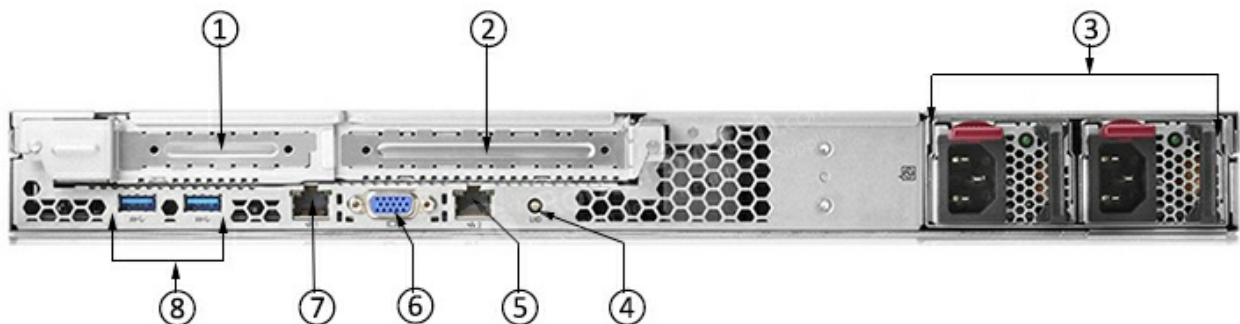
Figure 2 shows the front panel of HPE 871429-B21.



Note:

(1)	Access Panel
(2)	Optical Drive
(3)	Serial number/iLO information pull tab
(4)	2 USB 2.0 connectors
(5)	Health LED
(6)	Front 2 Fan Assembly
(7)	Power On/Standby button and system power LED button
(8)	UID LED
(9)	NIC status LED
(10)	Hard Drive Bays

Figure 3 shows the back panel of HPE871429-B21.



Note:

(1)	Expansion Slot 1, PCIe x 8
(2)	Expansion Slot 2, PCIe x 16
(3)	Redundant Power Supply (only on SFF Chassis)
(4)	UID LED
(5)	NIC Connector 2
(6)	Video Connector
(7)	NIC1/shared iLO connector
(8)	USB 3.0 Connector

The Accessories

Table 3 shows the recommended elements for the HPE 871429-B21.

Product number	Description
872487-B21	HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD
846524-B21	HPE 1TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD
819201-B21	HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD
872485-B21	HPE 2TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD
877784-B21	HPE 960GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD

Table 4 shows the comparison between HPE 871429-B21 and HPE 871430-B21. [Compare to Similar Items](#)

Product Code	727029-B21	871430-B21
Description	HPE ProLiant DL20 Gen9 E3-1220v6 3.0GHz 4-core 8GB-U B140i 2LFF 290W PS Base Server	HPE ProLiant DL20 Gen9 E3-1240v6 3.7GHz 4-core 16GB-U H240 4SFF 290W PS Performance Server
Processor	Intel® Xeon® E3-1220 v6 (4 core, 3 GHz, 8MB, 72W)	Intel® Xeon® E3-1240 v6 (4 core, 3.7 GHz, 8MB, 80W)
Product dimensions (H x W x D)	17.1 x 15.05 x 1.7 in	17.1 x 15.05 x 1.7 in
Weight	17.41 lb	19.17 lb

Get more information

Do you have any question about the HPE 871429-B21 Sever?

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Specification

HPE 871429-B21 Specification	
Description	HPE ProLiant DL20 Gen9 E3-1220v6 3.0GHz 4-core 8GB-U B140i 2LFF 290W PS Base Server
Processor	Intel® Xeon® E3-1220 v6 (4 core, 3 GHz, 8MB, 72W)
Number of processors	1
Processor core available	4

Processor cache	8MB
Processor speed	3.0GHz
Power supply type	(1) 290W non-hot plug power supply
Expansion slots	(2) PCIe For detail descriptions reference the QuickSpecs
Maximum memory	8GB
Memory, standard	8GB (1x8GB)
Memory slots	4 DIMM slots
Memory type	1R x8 PC4-2400T-E
Memory protection features	Advanced ECC
Included hard drives	(2) LFF
System fan features	Non-hot plug non-redundant
Network controller	1Gb 332i Ethernet Adapter 2 Ports per controller
Storage controller	Dynamic Smart Array B140i
Product dimensions (H x W x D)	17.1 x 15.05 x 1.7 in
Weight	17.41 lb
Infrastructure management	iLO Management (standard), Intelligent Provisioning (standard), iLO Essentials (optional), iLO Scale-Out (optional), iLO Advanced (optional)

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