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## Overview

P06962-B21 is the HPE ProLiant DL20 Gen10 2LFF Configure-to-order 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.

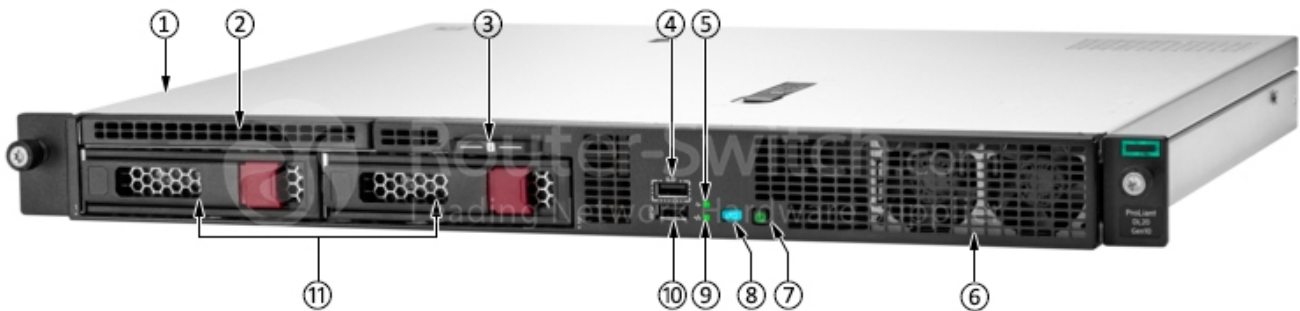
## Quick Spec

Table 1 shows the quick spec.

<b>CTO Server</b>	HPE ProLiant DL20 Gen10 2LFF Configure-to-order Server
<b>SKU Number</b>	P06962-B21
<b>Processor</b>	1
<b>DIMM Slots</b>	4 DIMM slots for UDIMM DDR4 Memory
<b>Storage Controller</b>	Embedded 14-port S100i
<b>PCIe</b>	2 PCIe 3.0 Slots
<b>Drive Cage</b>	2LFF Hot Plug
<b>Network Controller</b>	HPE embedded 1Gb 2-port 332i network Adapter
<b>Fans</b>	3 non hot plug, non-redundant
<b>Management</b>	iLO Management (standard), Intelligent Provisioning (standard)
<b>USB</b>	2 front, 1 internal, 2 rear
<b>Ears</b>	HPE Thumbscrew Ears

## Product Details

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

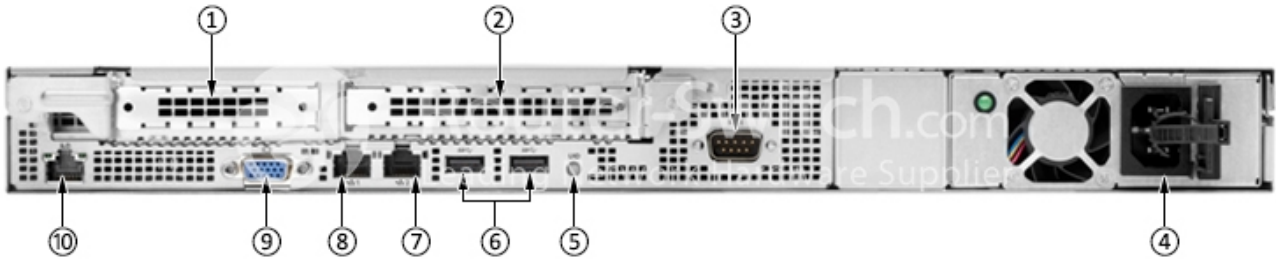


Note:

(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

## Configuration Information

This section lists some of the steps required to configure a Factory Integrated Model.

To ensure valid configurations are ordered, Hewlett Packard Enterprise recommends the use of an HPE approved configurator. Contact your local sales representative for information on configurable product offerings and requirements.

1. Factory Integrated Models must start with a CTO Server.
2. FIO indicates that this option is only available as a factory installable option.
3. All Factory Integrated Models will be populated with sufficient hard drive blanks based on number of drives ordered with server.
4. Some options may not be integrated at the factory. Contact our sales for additional information

### Step 1: Base Configuration (choose one of the following configurable models)

<b>CTO Server</b>	HPE ProLiant DL20 Gen10 Non-hot Plug 2LFF Configure-to-order Server	HPE ProLiant DL20 Gen10 2LFF Configure-to-order Server	HPE ProLiant DL20 Gen10 4SFF Configure-to-order Server
<b>SKU Number</b>	<a href="#">P06961-B21</a>	<a href="#">P06962-B21</a>	<a href="#">P06963-B21</a>
<b>Processor</b>	1	1	1
<b>DIMM Slots</b>	4 DIMM slots for UDIMM DDR4 Memory		
<b>Storage Controller</b>	Embedded 14-port S100i		
<b>PCIe</b>	2 PCIe 3.0 Slots		
<b>Drive Cage</b>	2LFF Non Hot Plug	2LFF Hot Plug	4SFF Hot Plug

<b>Network Controller</b>	HPE embedded 1Gb 2-port 332i network Adapter
<b>Fans</b>	3 non hot plug, non-redundant
<b>Management</b>	iLO Management (standard), Intelligent Provisioning (standard)
<b>USB</b>	2 front, 1 internal, 2 rear
<b>Ears</b>	HPE Thumbscrew Ears

### Step 2a: Choose Processor Options

Please select one –L21 processor required below.

NOTE: Only one processor supported.

NOTE: DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of DIMMs installed.

Processor Option Kits	Required Processor
<b>Intel Xeon-E Series</b>	
HPE DL20 Gen10 Intel Xeon E-2124 (3.3GHz/4-core/71W) FIO Processor Kit	<a href="#">P06642-L21</a>
HPE DL20 Gen10 Intel Xeon E-2134 (3.5GHz/4-core/71W) FIO Processor Kit	<a href="#">P06646-L21</a>
HPE DL20 Gen10 Intel Xeon E-2144G (3.6GHz/4-core/71W) FIO Processor Kit	<a href="#">P06650-L21</a>
HPE DL20 Gen10 Intel Xeon E-2174G (3.8GHz/4-core/71W) FIO Processor Kit	<a href="#">P06656-L21</a>
HPE DL20 Gen10 Intel Xeon E-2126G (3.3GHz/6-core/80W) FIO Processor Kit	<a href="#">P06648-L21</a>
HPE DL20 Gen10 Intel Xeon E-2136 (3.3GHz/6-core/80W) FIO Processor Kit	<a href="#">P06652-L21</a>
HPE DL20 Gen10 Intel Xeon E-2186G (3.8GHz/6-core/95W) FIO Processor Kit	P08171-B21
<b>Intel® Core® i3 series Processors</b>	
HPE DL20 Gen10 Intel Core i3-8100 (3.7GHz/4-core/62W) FIO Processor Kit	<a href="#">P06638-L21</a>
<b>Intel® Pentium® G5000 series Processors</b>	
HPE DL20 Gen10 Intel Pentium G5400 (3.7GHz/2-core/54W) FIO Processor Kit	<a href="#">P06632-L21</a>

### Step 2b: Choose Memory Options

Please select one or more memory from below.

NOTE: HPE memory from previous generation servers is not qualified or warranted with this HPE ProLiant Server.

NOTE: HPE Standard Memory (UDIMM) is required to realize the memory performance improvements and enhanced functionality listed in this document for this HPE ProLiant Server.

NOTE: With one processor installed, four DIMMs slots are available.

<b>Unbuffered DIMMs (UDIMMs) – 2666 MHz</b>	
HPE 8GB (1x8GB) Single Rank x8 DDR4-2666 CAS-19-19-19 Unbuffered Standard Memory Kit	879505-B21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Unbuffered Standard Memory Kit	879507-B21

### Step 2c: Choose Power Supplies

Please select one or two power supplies from below.

NOTE: Mixing of 2 different power supplies are NOT allowed.

<b>HPE ProLiant Gen10 Essential Server Power Supplies - Non-Redundant</b>	
HPE DL20 Gen10 290W FIO Power Supply Unit Kit	<a href="#">P06731-B21</a>
<p>NOTE: 290W PSU is a Non hot plug power supply</p> <p>NOTE: This FIO option can only be bought integrated in the server. It cannot be ordered as a standalone option after server purchase.</p>	

HPE Flex Slot Power Supplies	
HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">865408-B21</a>
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	<a href="#">865434-B21</a>
HPE DL20 Gen10 RPS Enablement FIO Kit	<a href="#">P06722-B21</a>
NOTE: It is mandatory to choose the RPS enablement kit to support redundant power supply.	

#### Step 2d: Choose Riser Cards

NOTE: It is mandatory to choose one Riser Card from selections below:

HPE DL20 Gen10 x8x16 FlexibleLOM Riser Kit	<a href="#">P06667-B21</a>
HPE DL20 Gen10 PCIe Low Profile Riser Kit	<a href="#">P09145-B21</a>

#### Step 3: Choose Additional (FIO) Factory Integratable Options

Each of the following may be selected if desired at time of factory integration

HPE DL20 Gen10 Latch Ear FIO Kit	<a href="#">P06716-B21</a>
NOTE: This option is required to support HPE 1U Gen10 Bezel Kit ( <a href="#">867998-B21</a> ) and HPE Bezel Lock Kit ( <a href="#">875519-B21</a> ).	
HPE Gen10 TPM 1.2 FIO Setting	<a href="#">872108-B21</a>
NOTE: TPM 2.0 is set as default, for 1.2 TPM setting instead, please select this option.	
HPE FIO Enable Smart Array SW RAID	<a href="#">784308-B21</a>
NOTE: If selected, the embedded SATA controller will work in S100i Mode. This option may not be selected with HPE Legacy FIO Mode Setting ( <a href="#">758959-B22</a> )	
HPE Legacy FIO Mode Setting	<a href="#">758959-B22</a>
NOTE: UEFI is the default, this FIO part can be used for CTO to enable Legacy mode.	

#### Step 4: Choose Additional Options for Factory Integration from Core and Additional Option sections via the datasheet.

### Get More Information

Do you have any question about the [P06962-B21](#)?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

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