



Hewlett Packard
Enterprise

HPE ProLiant DL20 Gen10 Plus Server User Guide

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Abstract

This document is for the person who installs, administers, and troubleshoots servers and storage systems. Hewlett Packard Enterprise assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels, and are familiar with the weight and stability precautions for rack installations.

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Revision history

Part number	Publication date	Edition	Summary of changes
30-D3180B96-004a	June 2023	4a	<ul style="list-style-type: none"> • Updated the Setting up the server prerequisites. • Added the Server data backup topic. • Replaced the <i>Introduction</i> in the <i>Hardware options installation</i> chapter with Hardware option installation guidelines. • Replaced the <i>Configuration and diagnostic utilities</i> chapter with the task-based Configuration resources. • Added the HPE 800 W Flex Slot Titanium Plus Hot-plug Power Supply specifications.
30-D3180B96-003	September 2022	3	<ul style="list-style-type: none"> • Updated the Fault/Locate LED information in HPE Basic Drive LED definitions. • Updated the VROC-related content in Setting up the server and in Storage controller options.
30-D3180B96-002	May 2022	2	<ul style="list-style-type: none"> • Updated the Setting up the product. • Added the 4 + 2 SFF hot-plug drive with tri-mode controller cabling.

Rack warnings and cautions



WARNING:

When all components are removed, the server weighs 6.00 kg (13.23 lb). When all components are installed, the server can weigh up to 10.00 kg (22.05 lb).

Before configuring your rack solution, be sure to check the rack manufacturer weight limits and specifications. Failure to do so can result in physical injury or damage to the equipment and the facility.



WARNING:

The server is heavy. To reduce the risk of personal injury or damage to the equipment, do the following:

- Observe local occupational health and safety requirements and guidelines for manual material handling.
- Get help to lift and stabilize the product during installation or removal, especially when the product is not fastened to the rails. The server weighs more than 6.00 kg (13.23 lb), so at least two people must lift the server into the rack together. An additional person may be required to help align the server if the server is installed higher than chest level.
- Use caution when installing the server in or removing the server from the rack.
- Adequately stabilize the rack before extending a component outside the rack. Extend only one component at a time. A rack may become unstable if more than one component is extended.
- Do not stack anything on top of rail-mounted component or use it as a work surface when extended from the rack.



WARNING:

To reduce the risk of personal injury or damage to the equipment, be sure that:

- The rack has anti-tip measures in place. Such measures include floor-bolting, anti-tip feet, ballast, or a combination as specified by the rack manufacturer and applicable codes.
- The leveling jacks (feet) are extended to the floor.
- The full weight of the rack rests on the leveling jacks (feet).
- The stabilizing feet are attached to the rack if it is a single-rack installation.
- The racks are coupled together in multiple rack installations.



WARNING:

To reduce the risk of personal injury or equipment damage when unloading a rack:

- At least two people are needed to safely unload the rack from the pallet. An empty 42U rack can weigh as much as 115 kg (253 lb), can stand more than 2.1 m (7 ft) tall, and might become unstable when being moved on its casters.
- Never stand in front of the rack when it is rolling down the ramp from the pallet. Always handle the rack from both sides.



CAUTION:

Always plan the rack installation so that the heaviest item is on the bottom of the rack. Install the heaviest item first, and continue to populate the rack from the bottom to the top.



CAUTION:

Before installing the server in a rack, be sure to properly scope the limitations of the rack. Before proceeding with the installation, consider the following:

- You must fully understand the static and dynamic load carrying capacity of the rack and be sure that it can accommodate the weight of the server.
- Be sure sufficient clearance exists for cabling, installation and removal of the server, and movement of the rack doors.

