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## HP 795236-B21

# HP ProLiant DL360 G9 1U Rack Server User Manual

Model: 795236-B21

## INTRODUCTION

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This manual provides essential information for the safe and efficient use of your HP ProLiant DL360 G9 1U Rack Server. It covers installation, operation, maintenance, and troubleshooting procedures. Please read this manual thoroughly before operating the server and retain it for future reference.

## SAFETY INFORMATION

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Observe the following safety precautions to prevent injury and damage to the equipment:

- Ensure proper grounding for all electrical connections.
- Do not operate the server with covers removed unless specifically instructed for maintenance.
- Disconnect all power cords before performing any service or upgrade procedures.
- Use only approved power supplies and cables.
- Install the server in a well-ventilated area to prevent overheating.
- Avoid spilling liquids on the server.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- HP ProLiant DL360 G9 1U Rack Server
- Rack mounting hardware kit
- Power cords
- Documentation (this manual, warranty information)

*Note: Specific components may vary based on configuration.*

## PRODUCT OVERVIEW

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The HP ProLiant DL360 G9 is a 1U rack-optimized server designed for high-performance computing and data center environments. It features dual Intel Xeon E5-2670 v3 processors, offering robust processing capabilities.

## Front Panel



This image displays the front panel of the HP ProLiant DL360 G9 server, highlighting the drive bays, power button, and status indicators. The drive bays are accessible from the front for easy hot-swapping of storage devices.

## Rear Panel



This image shows the rear panel of the HP ProLiant DL360 G9 server, detailing the various I/O ports, network interfaces, and redundant power supply units. All essential connections for power, network, and peripheral devices are located here.

## SETUP

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### 1. Rack Installation

1. Attach the rack rails to the server chassis using the provided hardware.
2. Mount the server into a standard 19-inch server rack, ensuring it is securely fastened.
3. Verify that there is adequate space for airflow around the server.

## 2. Power Connection

1. Connect the power cords to the server's power supply units.
2. Plug the other end of the power cords into grounded electrical outlets or a power distribution unit (PDU).
3. Ensure power sources provide 240 Volts as specified.

## 3. Network Connection

1. Connect Ethernet cables from your network infrastructure to the server's network ports.
2. For remote management, connect a dedicated Ethernet cable to the iLO port.

## 4. Initial Boot-up

1. Press the power button on the front panel.
2. Observe the POST (Power-On Self-Test) sequence.
3. Access the BIOS/UEFI setup if necessary to configure boot options or hardware settings.

## OPERATING INSTRUCTIONS

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### Powering On/Off

- **To Power On:** Press the power button on the front panel.
- **To Power Off:** Perform a graceful shutdown through the operating system. If unresponsive, press and hold the power button for 5 seconds for a forced shutdown.

### Accessing BIOS/UEFI

During the server's boot sequence, press the designated key (typically **F9** or **Delete**) to enter the BIOS/UEFI setup utility. Refer to the on-screen prompts for the exact key.

### Operating System Installation

Install your preferred operating system (e.g., Windows Server, Linux) using a bootable USB drive, optical drive, or network installation. Configure RAID arrays as needed before OS installation.

### Remote Management (iLO)

The integrated Lights-Out (iLO) port allows for remote management of the server. Access the iLO web interface via a web browser using the IP address assigned to the iLO port. Default credentials are typically found on a pull-out tag on the server chassis.

## MAINTENANCE

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### Cleaning

- Regularly clean dust from air vents and fan grilles using compressed air.
- Wipe exterior surfaces with a soft, dry cloth. Do not use liquid cleaners directly on the server.

### Firmware Updates

Periodically check the HP support website for firmware updates for the BIOS, iLO, and other server components. Apply updates as recommended to ensure optimal performance and security.

## Component Replacement

For replacing components such as hard drives, memory modules, or power supplies, refer to the specific service manual available on the HP support website. Always power down the server and disconnect power cords before opening the chassis for component replacement.

## TROUBLESHOOTING

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This section provides solutions for common issues. For more complex problems, consult the HP support website or contact technical support.

- **Server does not power on:** Check power cord connections, power supply status indicators, and ensure the power button is fully pressed.
- **No video output:** Verify monitor connection, try a different display cable, or check for POST error codes.
- **Operating system fails to boot:** Check boot order in BIOS/UEFI, verify hard drive status, or attempt OS repair.
- **Overheating warnings:** Ensure proper ventilation, clean dust from fans, and check ambient room temperature.
- **Network connectivity issues:** Verify Ethernet cable connections, check network adapter drivers, and confirm network configuration.

## SPECIFICATIONS

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Feature	Specification
Model Number	795236-B21
Processor	2 x Intel Xeon E5-2670 v3 Dodeca-core (12 Core) 2.30 GHz
RAM	65536 MB
Memory Speed	2133 MHz
Voltage	240 Volts
Item Weight	11 pounds (5 Kilograms)
Product Dimensions (LxWxH)	4.72 x 2.2 x 1.34 inches
Compatible Devices	Server
Material	Metal
Manufacturer	HP

## WARRANTY AND SUPPORT

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This HP ProLiant DL360 G9 server is covered by a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty documentation included with your product or visit the official HP support website.

For technical assistance, driver downloads, and additional support resources, please visit the [HP Support Website](#).

When contacting support, please have your server's model number (795236-B21) and serial number readily available.

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