

HEWLETT PACKARD 813195-B21

Hewlett Packard 813195-B21 Server User Manual

Model: 813195-B21

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Hewlett Packard 813195-B21 Server. This server is designed for various computing tasks, featuring an Intel Xeon E5-2650v4 processor and 64GB of RAM. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

For additional support and resources, please visit the official Hewlett Packard website.

2. PACKAGE CONTENTS

Verify that all items listed below are present in the product packaging. If any items are missing or damaged, contact your vendor or Hewlett Packard support.

- Hewlett Packard 813195-B21 Server Unit
- Power Cable (may vary by region)
- Documentation (Quick Start Guide, Safety Information)

Note: Hard drives are not included and must be purchased separately.

3. SETUP

3.1 Unpacking and Physical Placement

Carefully remove the server from its packaging. Place the server on a stable, level surface in a well-ventilated area. Ensure adequate space around the server for proper airflow to prevent overheating. Avoid placing the server near heat sources or in direct sunlight.

The server dimensions are approximately 5.54 x 51.76 x 18.07 inches (LxWxH) and it weighs approximately 14 pounds.



Figure 3.1: Front view of the Hewlett Packard 813195-B21 Server. This image shows the general form factor and potential front panel components.

3.2 Power Connection

1. Connect the provided power cable to the power input port on the server.
2. Plug the other end of the power cable into a grounded electrical outlet.
3. Ensure the power source meets the server's electrical requirements.

3.3 Peripheral Connections

Connect necessary peripherals such as a monitor, keyboard, and mouse to the available ports. The server includes 2 USB 2.0 ports and 2 USB 3.0 ports for connecting devices.

For network connectivity, connect an Ethernet cable to the Gigabit Ethernet port on the server and to your network switch or router.

3.4 Operating System Installation

The Hewlett Packard 813195-B21 Server does not come with a pre-installed operating system or hard drives. You will need to install a compatible operating system such as Windows, Linux, or VMware. Refer to the operating system's installation guide for detailed instructions.

Ensure you have installed appropriate storage devices (e.g., HDDs or SSDs) before attempting OS

installation.

4. OPERATING THE SERVER

4.1 Powering On/Off

- **To Power On:** Press the power button located on the front panel of the server. The power indicator light will illuminate.
- **To Power Off:** Perform a graceful shutdown through the installed operating system. If the operating system is unresponsive, press and hold the power button for approximately 5 seconds until the server powers down.

4.2 Initial Configuration

After the operating system is installed, follow the on-screen prompts for initial configuration, including network settings, user accounts, and software updates. Refer to your operating system's documentation for specific steps.

4.3 System Monitoring

Regularly monitor the server's performance, temperature, and disk usage using the tools provided by your operating system or third-party monitoring software. This helps ensure stable operation and identify potential issues early.

5. MAINTENANCE

5.1 General Care

- Keep the server in a clean, dust-free environment.
- Ensure all ventilation openings are clear and unobstructed.
- Avoid spilling liquids on or near the server.

5.2 Software Updates

Regularly update the operating system, drivers, and firmware to ensure security, stability, and optimal performance. Refer to Hewlett Packard's support website for the latest firmware updates for your server model.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For more complex problems, consult the Hewlett Packard support website or contact technical support.

6.1 Server Does Not Power On

- Verify that the power cable is securely connected to both the server and the electrical outlet.
- Check if the electrical outlet is functional by plugging in another device.
- Ensure the power supply unit (PSU) is properly seated (if applicable).

6.2 No Display Output

- Ensure the monitor is powered on and connected correctly to the server's video output port.
- Try a different video cable or monitor to rule out faulty equipment.
- If the server has multiple video outputs, ensure you are using the primary one or the one connected to

your monitor.

6.3 Operating System Fails to Boot

- Verify that hard drives or SSDs are correctly installed and detected by the server's BIOS/UEFI.
- Check the boot order in the BIOS/UEFI settings to ensure the correct boot device is prioritized.
- If recently installed, attempt a re-installation of the operating system.

7. SPECIFICATIONS

The following table details the technical specifications of the Hewlett Packard 813195-B21 Server:

Feature	Detail
Brand	HEWLETT PACKARD
Model Number	813195-B21
Processor	Intel Xeon E5-2650v4 (2.2 GHz)
RAM	64 GB
Memory Speed	2400 MHz
Hard Drive	No HDD included (supports HDD)
Chipset Brand	Intel
Card Description	Integrated
USB 2.0 Ports	2
USB 3.0 Ports	2
Hardware Platform	ProLiant
Operating System Support	Windows, Linux, VMware
Item Weight	14 pounds
Product Dimensions (LxWxH)	5.54 x 51.76 x 18.07 inches
Color	Black
First Available Date	April 2, 2016

8. WARRANTY AND SUPPORT

Warranty information for the Hewlett Packard 813195-B21 Server is typically provided with the product at the time of purchase or can be found on the official Hewlett Packard website. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting, driver downloads, and further documentation, please visit the official Hewlett Packard support portal. Contact information for customer service can also be found on their website.

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