

HP ZBook 15 G4

HP ZBook 15 G4 Mobile Workstation Laptop User Manual

Model: ZBook 15 G4

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your HP ZBook 15 G4 Mobile Workstation Laptop. Please read this guide thoroughly to ensure proper use and to maximize the lifespan of your device.

The HP ZBook 15 G4 is a powerful mobile workstation designed for demanding professional tasks, featuring an Intel Core i5-7440 processor, 16GB DDR4 RAM, and a 512GB SSD for high performance and responsiveness. It comes pre-installed with Windows 10 Pro 64-bit.

2. SETUP

2.1 Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- HP ZBook 15 G4 Mobile Workstation Laptop
- AC Adapter

Inspect the laptop for any physical damage. If any damage is found, contact your vendor immediately.

2.2 Connecting to Power

1. Connect the AC adapter to the power connector on the side of the laptop.
2. Plug the power cord into a grounded electrical outlet.

It is recommended to fully charge the battery before initial use.



Image: Front view of the HP ZBook 15 G4 Mobile Workstation Laptop, open and powered on.

2.3 Initial Boot-up and Windows Setup

Press the power button to turn on the laptop. The system will guide you through the initial Windows 10 Pro setup process. Follow the on-screen instructions to configure language, region, network settings, and user accounts.

3. OPERATING THE LAPTOP

3.1 Power On/Off

- **Power On:** Press the power button located on the keyboard deck.
- **Power Off:** Click the Windows Start button, then select 'Power' and choose 'Shut down'.
- **Sleep Mode:** Close the laptop lid or select 'Sleep' from the Power menu.

3.2 Keyboard and Touchpad

The HP ZBook 15 G4 features a full-size keyboard with a dedicated numeric keypad and a backlit function. The touchpad supports multi-touch gestures for navigation.

- **Backlit Keyboard:** Press the **Fn** key and the appropriate function key (usually F5 or F6, indicated by a keyboard icon) to toggle the backlight on/off or adjust brightness.
- **Touchpad Gestures:** Refer to Windows settings for customizing touchpad gestures (e.g., two-finger scroll, pinch-to-zoom).

3.3 Fingerprint Reader

The integrated fingerprint reader provides secure login. To set up, navigate to Windows Settings > Accounts > Sign-in options and follow the instructions for Windows Hello Fingerprint setup.

3.4 Wireless Connectivity

- **Wi-Fi:** Click the network icon in the taskbar, select your desired Wi-Fi network, and enter the password if

prompted.

- **Bluetooth:** To pair a Bluetooth device, go to Windows Settings > Devices > Bluetooth & other devices, ensure Bluetooth is enabled, and select 'Add Bluetooth or other device'.

3.5 Connecting External Devices

The laptop offers various ports for connecting peripherals:

- **USB 3.0 Ports:** For connecting USB devices such as external hard drives, mice, or keyboards.
- **HDMI Port:** For connecting to external displays or projectors.
- **Thunderbolt 3 Ports:** High-speed ports for data transfer, video output, and charging compatible devices.
- **RJ-45 (Ethernet) Port:** For wired network connections.
- **VGA Port:** For connecting to older external displays or projectors.



Image: Left side of the laptop, displaying the security lock slot, Ethernet port, VGA port, USB 3.0 port, and SD card reader.



Image: Right side of the laptop, displaying the audio jack, two USB 3.0 ports, HDMI port, two Thunderbolt 3 ports, and power connector.

4. FEATURES AND COMPONENTS

4.1 Key Specifications

- **Processor:** Intel Core i5-7440 2.4GHz (4 Core, 4 Threads, 8MB Cache)
- **Memory:** 16GB DDR4 RAM
- **Storage:** 512GB SSD
- **Display:** 15.6" FHD (1920x1080)
- **Operating System:** Windows 10 Pro 64-Bit
- **Graphics:** Integrated Intel HD Graphics
- **Wireless:** Wi-Fi (802.11ac), Bluetooth
- **Security:** Fingerprint Reader
- **Keyboard:** Backlit

4.2 Ports and Connectors

Refer to the images in Section 3.5 for visual identification of ports.

- 1 x RJ-45 (Ethernet)
- 1 x VGA
- 1 x USB 3.0 (charging)
- 2 x USB 3.0
- 1 x HDMI
- 2 x Thunderbolt 3

- 1 x Audio Combo Jack
- SD Card Reader
- Security Lock Slot

5. MAINTENANCE

5.1 Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap solution can be used, ensuring no liquid enters openings.
- **Ports:** Use compressed air to gently clear dust from ports.

5.2 Battery Care

As a renewed product, battery performance may vary. To prolong battery life:

- Avoid extreme temperatures.
- Do not leave the laptop fully charged or fully discharged for extended periods.
- Adjust power settings in Windows to optimize battery usage.

5.3 Software Updates

Regularly check for and install Windows updates and driver updates to ensure optimal performance and security. Go to Windows Settings > Update & Security > Windows Update.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

6.1 No Power

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for a few minutes before attempting to power on.

6.2 Wi-Fi Connectivity Issues

- Check if Wi-Fi is enabled in Windows settings.
- Restart your router and modem.
- Ensure you are within range of the Wi-Fi network.
- Forget the network and reconnect.

6.3 Display Problems

- If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display or graphics output.
- Adjust display brightness using the function keys.
- Update graphics drivers.

6.4 System Slowdown

- Close unnecessary applications running in the background.

- Check Task Manager (Ctrl+Shift+Esc) for processes consuming high CPU or RAM.
- Ensure sufficient free space on the SSD.
- Run a virus scan.

7. SPECIFICATIONS

Feature	Detail
Brand	HP
Model Name	HP ZBook 15 G4 Mobile Workstation
Processor	Intel Core i5-7440 2.4GHz (4 Core, 4 Threads, 8MB Cache)
RAM	16GB DDR4 SDRAM
Hard Drive	512GB SSD
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (FHD)
Operating System	Windows 10 Pro
Graphics Card	Integrated Intel HD Graphics
Wireless Type	802.11ac, Bluetooth
USB 3.0 Ports	3
Thunderbolt 3 Ports	2
HDMI Port	1
VGA Port	1
Ethernet (RJ-45)	1
Special Features	Backlit Keyboard, Fingerprint Reader
Item Weight	8.33 pounds
Product Dimensions	15.2 x 10.4 x 0.8 inches
Color	Black

8. WARRANTY AND SUPPORT

This HP ZBook 15 G4 laptop is a renewed product. It has undergone professional inspection, testing, and cleaning by Amazon qualified vendors. It typically comes with a **30-day warranty** from the vendor.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the seller from whom you purchased this renewed product. Refer to your purchase documentation for specific seller contact information.

Accessories included may not be original but are compatible and fully functional. The packaging box will be a regular box, not its original packaging.