

HP Zbook 17 G3 Touchscreen

HP ZBook 17 G3 Touchscreen Workstation User Manual

MODEL: ZBOOK 17 G3 TOUCHSCREEN

Product Overview

The HP ZBook 17 G3 is a high-performance mobile workstation designed for demanding professional tasks. It features a powerful Intel Core i7 processor, a spacious 17.3-inch Full HD LED backlit touchscreen display, and robust graphics capabilities with an NVIDIA Quadro M3000M GPU. This workstation is equipped with numerous expansion ports, including Thunderbolt 3, to support extensive peripheral connectivity and multiple external displays.

What's in the Box:

- HP ZBook 17 G3 Laptop Computer
- AC Power Adapter (Charger)
- Battery

Initial Setup

1. Unpacking and Inspection

Carefully remove the laptop and all accessories from the packaging. Inspect all components for any signs of damage. If any items are missing or damaged, contact your vendor immediately.

2. Connecting Power

Connect the AC power adapter to the power input port on the laptop and then plug the adapter into a wall outlet. The battery will begin charging automatically. It is recommended to fully charge the battery before the first use.

3. First Boot and Windows Setup

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

Operating Your HP ZBook 17 G3

Keyboard and Touchpad

The HP ZBook 17 G3 features a full-sized keyboard with a dedicated numeric keypad for enhanced productivity. The touchpad supports multi-touch gestures for navigation and control. You can customize touchpad settings via Windows settings.

Touchscreen Functionality

This model includes a responsive touchscreen display. You can interact directly with the screen using your fingers for navigation, zooming, and drawing. Ensure the screen is clean for optimal touch response.



Front view of the HP ZBook 17 G3 laptop, displaying a vibrant wallpaper with colorful balloons. This image highlights the overall design and the touchscreen capability.

Connecting External Devices (Ports Overview)

The HP ZBook 17 G3 offers a comprehensive array of ports for connecting various peripherals and external displays.

- **USB 3.0 Ports (4):** For connecting USB devices such as external hard drives, keyboards, and mice.
- **Thunderbolt 3 Ports (2 USB Type-C):** High-speed ports for data transfer, video output, and power delivery, compatible with USB-C devices.
- **HDMI Port (1 full size):** For connecting to external monitors, projectors, or TVs.
- **VGA Port (1):** For connecting to older external displays.
- **Ethernet Port (10/100/1000 Mbps, Gigabit):** For wired network connections.
- **SD Card Reader:** For reading and writing data from SD memory cards.
- **Audio Jack:** For connecting headphones or external speakers.



Right-side view of the HP ZBook 17 G3 laptop, showing the various ports including USB, HDMI, VGA, and a Thunderbolt 3 (USB-C) port. The screen is open, displaying the same vibrant wallpaper.



Left-side view of the HP ZBook 17 G3 laptop, showcasing additional ports such as more USB ports, an Ethernet port, and an SD card slot. The laptop screen is open.



Close-up side profile of the left side of the HP ZBook 17 G3 laptop, emphasizing its thickness and the arrangement of ports like the power connector, Ethernet, USB, and SD card slot.



Close-up side profile of the right side of the HP ZBook 17 G3 laptop, showing the audio jack, USB ports, HDMI, VGA, and Thunderbolt 3 (USB-C) ports.

Maintenance and Care

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 can be used, ensuring no liquid enters the device.

Battery Care

To maximize battery lifespan, avoid extreme temperatures and prolonged periods of full charge or full discharge. If storing the laptop for an extended period, ensure the battery is charged to approximately 50%.

Software Updates

Regularly update your Windows operating system and device drivers to ensure optimal performance, security, and

compatibility. You can check for updates through Windows Update settings.

Troubleshooting Common Issues

Power Issues

- **Laptop not turning on:** Ensure the AC adapter is securely connected and the power outlet is functional. Try a different outlet.
- **Battery not charging:** Verify the AC adapter connection. Check if the battery indicator light is on.

Display Problems

- **No display:** Connect an external monitor to check if the issue is with the laptop's screen. Try pressing Fn + F4 (or similar function key) to cycle display outputs.
- **Flickering screen:** Update graphics drivers. Check display cable connections if using an external monitor.

Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled (Fn + F12 or similar). Restart your router and the laptop.
- **External devices not recognized:** Try connecting the device to a different USB port. Ensure necessary drivers are installed.

Performance Slowdown

Close unnecessary applications. Check Task Manager for high CPU/RAM usage. Ensure sufficient free space on the SSD. Run a virus scan.

Recovery Information

Recovery media can be created from any Windows 10 machine using the Windows Media Creation Tool, a free download from Microsoft. This tool allows you to make a bootable DVD or USB device that can be used to fully recover the operating system at any time. It is recommended to create this media on your PC before any potential hard disk failures, as we are not responsible for any loss of data.

Technical Specifications

Feature	Specification
Processor	Intel Core i7-6820HQ (2.7 GHz, 4 Cores, 8 Threads, 8MB Cache)
RAM	32 GB DDR4
Storage	1 TB SSD
Graphics	NVIDIA Quadro M3000M (4GB GDDR5)
Display	17.3-inch LED LCD Touchscreen (1920x1080 Full HD)
Operating System	Windows 10 Pro x64
Wireless	802.11 b/g/n/ac, Bluetooth 4.2
Ports	4x USB 3.0, 2x Thunderbolt 3 (USB Type-C), 1x HDMI, 1x VGA, 1x Ethernet, Audio Jack
Webcam	Yes

Feature	Specification
Dimensions (LxWxH)	16.5 x 11 x 1.2 inches
Item Weight	6.61 pounds

Warranty and Support

Warranty Information

This HP ZBook 17 G3 is a renewed product. Renewed products typically come with a limited warranty or return policy from the seller. Please refer to your purchase documentation for specific warranty terms and conditions, including the 90-day refund/replacement policy mentioned for this product.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the seller or the authorized service provider from whom you purchased this renewed product. Have your product model number and purchase details ready when contacting support.