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> HP Portable 14" HD Laptop & Thunderobot ML101 Wireless Mouse User Manual

## HP TPN-Q221

# HP Portable 14" HD Laptop & Thunderobot ML101 Wireless Mouse User Manual

Model: TPN-Q221

## INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Portable 14" HD Laptop and the included Thunderobot ML101 Wireless Mouse. Please read this manual thoroughly to ensure proper use and longevity of your devices.



Image: The HP Portable 14" HD Laptop in white, shown with the bundled Thunderobot ML101 Wireless Mouse.

## PACKAGE CONTENTS

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- HP Portable 14" HD Laptop
- Thunderobot ML101 Wireless Mouse
- Power Adapter
- Documentation (this manual)

## SETUP

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### 1. Laptop Initial Setup

1. **Connect Power:** Plug the power adapter into the laptop's AC smart pin port and then into a power outlet. Allow the battery to charge for at least 30 minutes before first use.
2. **Power On:** Open the laptop lid and press the power button. The laptop will boot up.
3. **Windows 11 S Setup:** Follow the on-screen instructions to complete the Windows 11 S setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

### 2. Wireless Mouse Setup

1. **Insert Battery:** Open the battery compartment on the underside of the Thunderobot ML101 mouse and insert the required battery (not included).
2. **Locate USB Receiver:** The wireless mouse comes with a small USB receiver. This receiver is typically stored inside the mouse's battery compartment or in the packaging.
3. **Connect Receiver:** Insert the USB receiver into an available USB Type-A port on your HP laptop.
4. **Power On Mouse:** Turn on the mouse using the power switch, usually located on the underside. The mouse should automatically connect to the laptop.

## OPERATING YOUR DEVICES

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### Laptop Operation

- **Core Components:** Your HP laptop is powered by an Intel Celeron N4120 Processor and features Intel UHD Graphics, running on Windows 11 Home in S mode.



Intel Celeron  
N4020



Intel UHD  
Graphics 600



Windows 11 Home  
in S mode



Image: Visual representation of the HP laptop's core components: Intel Celeron processor, Intel UHD Graphics, and Windows 11 Home in S mode.

- **Display:** The 14-inch HD (1366 x 768) display features a micro-edge design and HP BrightView panel for clear visuals.



Micro-edge display



HD (1366 x 768)



HP BrightView panel

Enjoy your favorite content in HD for crystal-clear visuals and vibrant image quality.



Image: Illustration of the HP laptop's 14-inch HD display, highlighting its micro-edge design, 1366 x 768 resolution, and BrightView panel.

- **Keyboard and Touchpad:** Use the integrated keyboard for typing and the touchpad for navigation. The touchpad supports multi-touch gestures for scrolling, zooming, and more.
- **Connecting Peripherals:**
  - **USB Devices:** Connect USB drives, external keyboards, or other USB devices to the USB Type-C or USB 3.1 Type-A ports.
  - **External Display:** Use the HDMI port to connect an external monitor or projector.
  - **Audio:** The Headphone/Mic Combo port supports both headphones and external microphones.
  - **SD Card:** Insert an SD card into the multi-format SD media card reader for data transfer.

# Connectivity and Ports

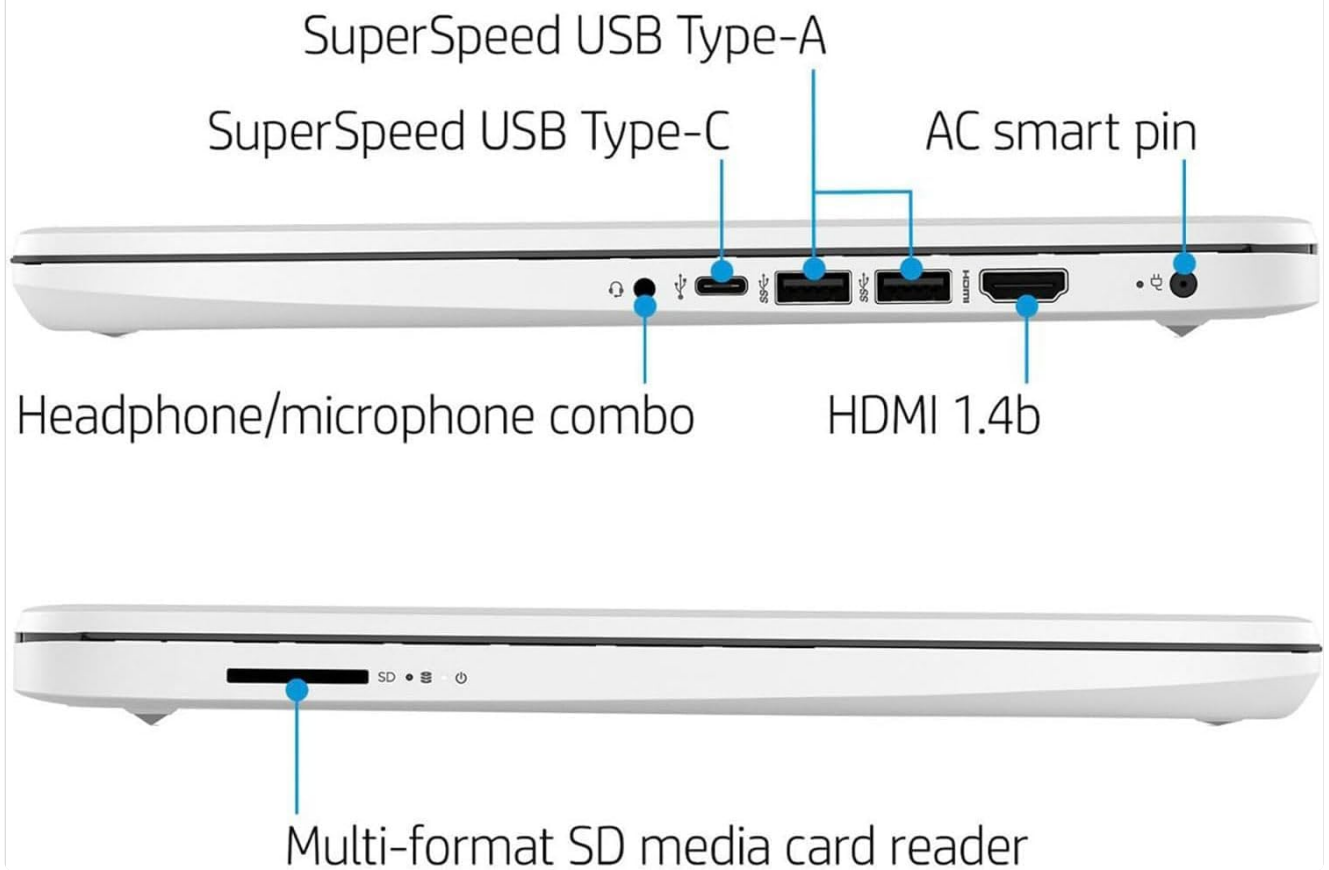
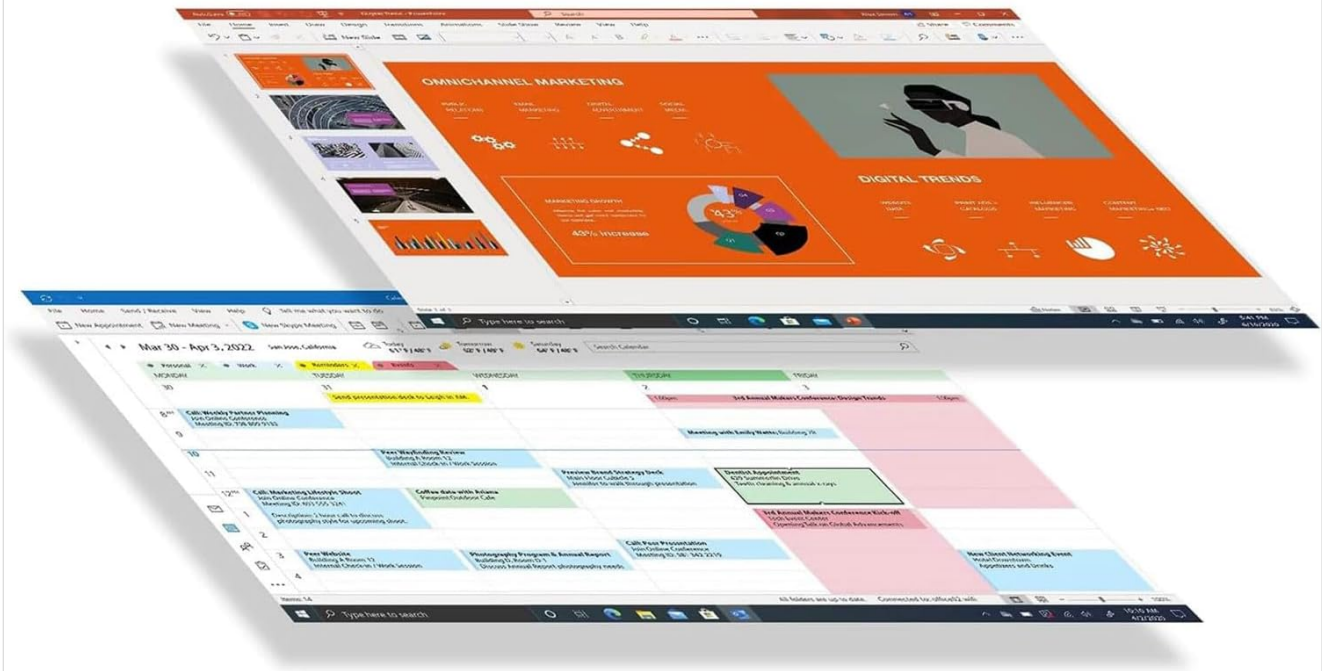


Image: Diagram illustrating the various connectivity ports on the HP laptop, including USB Type-A, USB Type-C, HDMI, Headphone/microphone combo, AC smart pin, and Multi-format SD media card reader.

- **Wi-Fi Connectivity:** To connect to a wireless network, click the Wi-Fi icon in the taskbar, select your desired network, and enter the password if prompted.
- **Windows 11 S Mode:** This laptop operates in Windows 11 S mode, which is designed for security and performance. It exclusively runs apps from the Microsoft Store and requires Microsoft Edge for safe browsing. If you need to install apps from outside the Microsoft Store, you can switch out of S mode. Note that switching out of S mode is a one-way process.
- **Microsoft 365:** Your laptop includes a one-year subscription to Microsoft 365. Follow the on-screen prompts to activate and utilize applications like Word, Excel, and PowerPoint.

# Microsoft 365



Microsoft 365

One-year subscription of Microsoft 365 apps helps bring your ideas to life<sup>1</sup>

<sup>1</sup> Microsoft 365 Personal 1-year subscription included. Activation required within 180 days of Windows activation date. Microsoft 365 Family and Microsoft 365 Personal have non-commercial rights and are meant for personal use only. See [microsoft.com](https://microsoft.com) for full details.

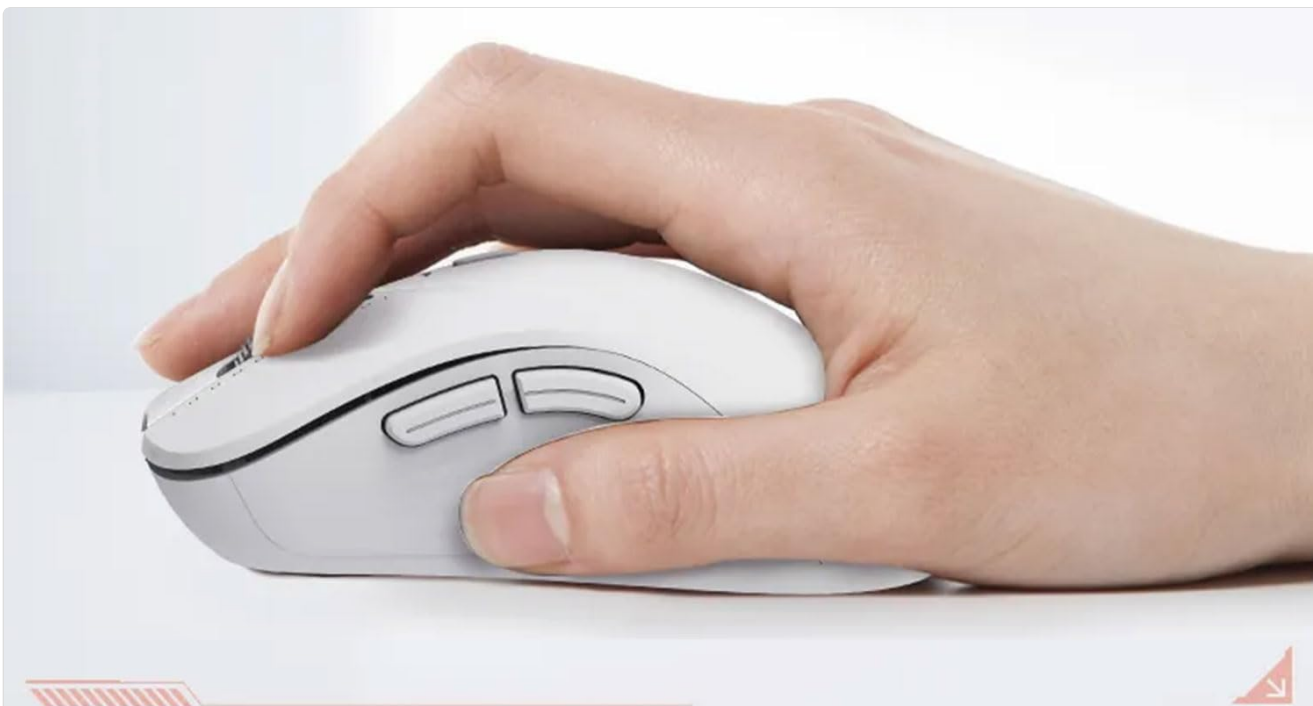
Image: Screenshot showing Microsoft 365 applications running on the HP laptop, highlighting productivity features.

## Thunderobot ML101 Wireless Mouse Operation

- **Basic Use:** The mouse functions as a standard 2.4Ghz wireless mouse for navigation and clicking.
- **DPI Adjustment:** Use the DPI adjust button (typically located near the scroll wheel) to cycle through different sensitivity settings (e.g., 800-1200-1600 DPI) to suit your preference.
- **Mute Key Design:** The mouse features a mute key design, making it suitable for quiet environments.
- **Ergonomic Mold:** Designed for comfortable long-term use.



Image: Close-up of the Thunderobot ML101 Wireless Mouse highlighting its features: 2.4G Wireless, Mute Key Design, Ergonomic Mold, and High-precision Optical Sensor.



Product model: Thunderobot Wireless Office Mouse ML101

Transmission method: 2.4G Hz

DPI: 800~1200~1600

Mouse weight: 60 ± 5g (excluding dry batteries)

Mouse size: 108.6\*67.7\*39.3 ± 1mm

Image: Detailed specifications of the Thunderobot ML101 Wireless Mouse, including model, transmission method, DPI range, weight, and dimensions.

## MAINTENANCE

### Laptop Care

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. It is recommended to occasionally discharge the battery below 20% and then fully recharge it.
- **Software Updates:** Regularly check for and install Windows updates to ensure your system has the latest security patches and performance improvements.
- **Ventilation:** Ensure the laptop's vents are not blocked to prevent overheating. Use the laptop on a hard, flat surface.

### Mouse Care

- **Cleaning:** Wipe the mouse with a soft, dry cloth. For the optical sensor, use a cotton swab to gently remove any dust or debris.
- **Battery Replacement:** Replace the battery when the mouse performance degrades or it stops responding.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Laptop does not power on.	Battery drained, power adapter not connected properly.	Ensure power adapter is securely connected and plugged into a working outlet. Allow battery to charge.
No display on screen.	Laptop is off, display settings issue, external monitor connected.	Ensure laptop is powered on. Press <b>Fn + F4</b> (or similar function key) to cycle display outputs. Disconnect external monitors.
Wireless mouse not responding.	Low battery, USB receiver disconnected, mouse not powered on.	Replace mouse battery. Ensure USB receiver is firmly plugged into a USB port. Turn on the mouse power switch.
Wi-Fi connection issues.	Incorrect password, router issue, Wi-Fi adapter disabled.	Verify Wi-Fi password. Restart your router. Check Wi-Fi settings in Windows to ensure the adapter is enabled.
Laptop performance is slow.	Too many applications running, low storage space, outdated drivers.	Close unnecessary applications. Free up storage space. Update Windows and device drivers.

## SPECIFICATIONS

### HP Portable 14" HD Laptop (Model: TPN-Q221)

**CPU:** Intel Celeron N4120 Processor (4 Cores, 4 Threads, Base 1.1GHz, Up to 2.6GHz Max Turbo)

**Memory:** 8GB DDR4 RAM

**Storage:** 64GB eMMC

**Operating System:** Windows 11 S

**Graphics:** Intel UHD Graphics

**Display:** 14" diagonal, HD (1366 x 768), micro-edge, BrightView, 220 nits, 45% NTSC

**Ports:** 1x USB Type-C, 2x USB 3.1 Type-A, 1x HDMI, 1x Headphone/Mic Combo, 1x AC smart pin, 1x SD Card Reader

**Wireless Connectivity:** Wi-Fi (802.11ac)

**Dimensions:** 12.76" x 8.86" x 0.71"

**Weight:** 3.24 lbs

**Color:** White

### Thunderobot ML101 Wireless Mouse

**Type:** 2.4Ghz Wireless

**DPI:** 800-1200-1600 (adjustable)

**Features:** Mute Key Design, Ergonomic Mold, High-precision Optical Sensor

**Weight:** 60 ± 5g (excluding dry batteries)

**Dimensions:** 108.6 x 67.7 x 39.3 ± 1mm

**Color:** White

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official HP support website or the documentation provided with your purchase. Keep your proof of purchase for warranty claims.

For additional assistance with the Thunderobot ML101 Wireless Mouse, please refer to its specific product documentation or the manufacturer's support channels.

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