Microsoft i7-1255U

Microsoft Surface Pro 9 Tablet
USER MANUAL

Model: i7-1255U

1. OVERVIEW

The Microsoft Surface Pro 9 is a versatile 2-in-1 device designed to function as both a tablet and a laptop, providing powerful performance for various tasks. It features a 13-inch PixelSense touchscreen display and runs on Windows 11 Pro, making it suitable for productivity and creative work on the go.

Key Features

- 13″ touchscreen with 2880 x 1920 resolution at 120 Hz (267 ppi).

- Equipped with 16 GB LPDDR4X RAM and 512 GB SSD storage.

- Integrated Intel Iris Xe Graphics for visual performance.

- Up to 16 hours of battery life for extended use.

- Compact dimensions: 11.3 in x 8.2 in x 0.4 in.

- Bundled with a Surface Pro Black Signature Keyboard and a Black Slim Pen 2.

- Includes a GIZPRO DOCK 8-in-1 USB-C HUB for expanded connectivity.

- Comes with a Standard Warranty plus a 1-Year CPS EXTENDED Warranty.

2. WHAT'S INCLUDED

Your Microsoft Surface Pro 9 package includes the following components:

- Microsoft Surface Pro 9 Tablet

- Microsoft Surface Pro Signature Keyboard (Black)

- Microsoft Surface Slim Pen 2 (Black)

- GIZPRO DOCK 8-in-1 USB-C HUB

- Power Adapter

- Quick Start Guide and Safety Documents
- 1-Year CPS Extended Warranty documentation

Figure 2.1: Microsoft Surface Pro 9 Tablet with included accessories and extended warranty.

3. SETUP

3.1 Initial Charging

Before first use, connect the Surface Pro 9 to the power adapter and charge it fully. The charging port is located on the side of the device.

3.2 Attaching the Signature Keyboard

Align the magnetic connector of the Signature Keyboard with the bottom edge of the Surface Pro 9. The keyboard will snap into place securely. The keyboard also provides a storage and charging area for the Slim Pen 2.

Figure 3.1: Microsoft Surface Pro Signature Keyboard.

3.3 Initial Power On and Windows Setup

Press the power button located on the side of the tablet to turn it on. Follow the on-screen instructions to complete the Windows 11 Pro setup, including language selection, network connection, and user account creation.

Figure 3.2: Surface Pro 9 touchscreen display with Windows 11 interface.

3.4 Connecting the USB-C HUB

The GIZPRO DOCK 8-in-1 USB-C HUB connects to one of the USB-C Thunderbolt 4 ports on your Surface Pro 9. This hub expands your connectivity options, providing ports for RJ45 (Ethernet), SD/TF cards, USB 2.0, USB 3.0, HDMI, and Power Delivery (PD).
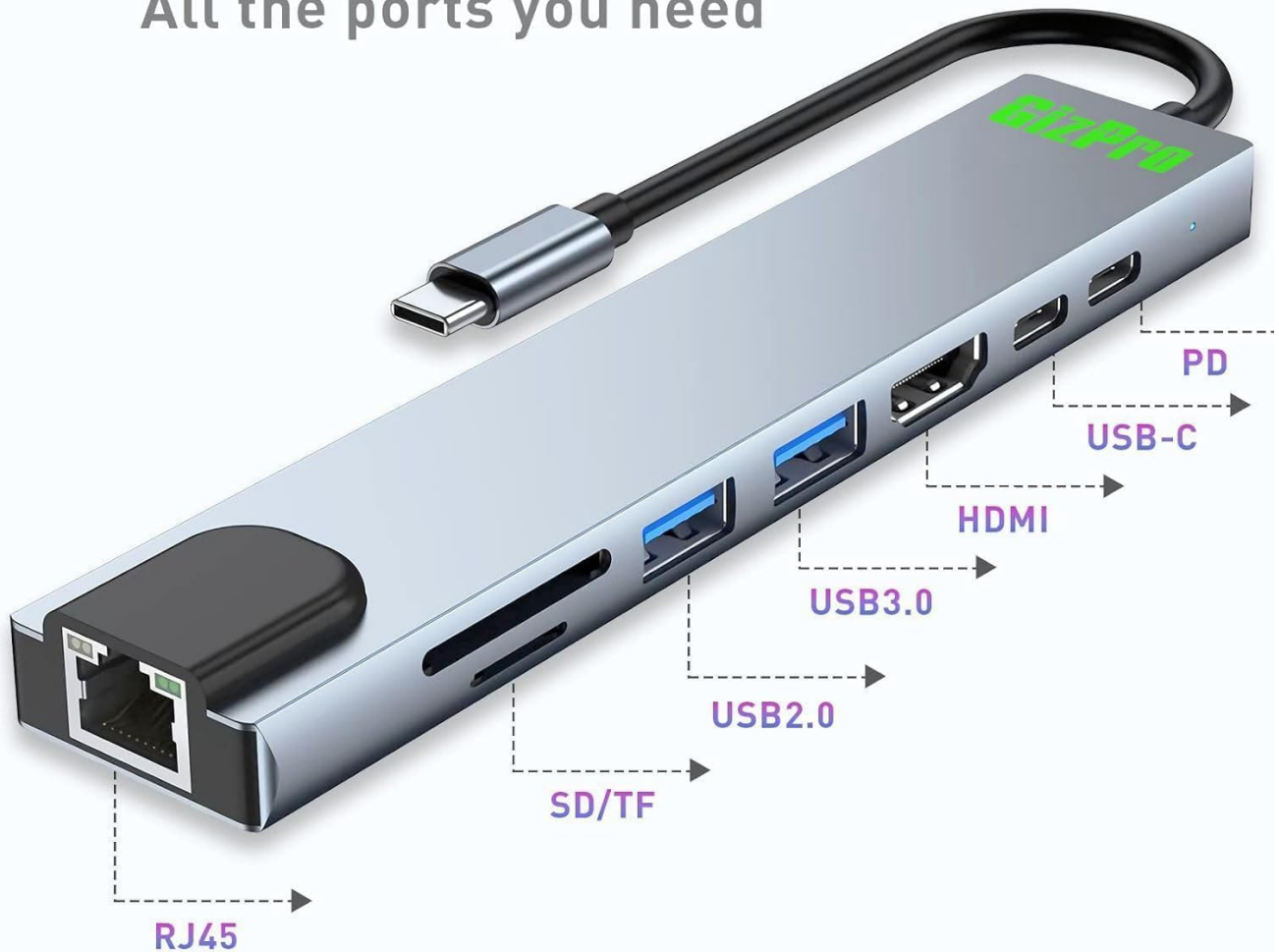
Figure 3.3: GIZPRO DOCK 8-in-1 USB-C HUB.

4. OPERATING YOUR DEVICE

4.1 Touchscreen Navigation

The 13-inch PixelSense touchscreen supports multi-touch gestures for intuitive navigation within Windows 11 Pro. Tap to select, swipe to scroll, and pinch to zoom.

4.2 Using the Signature Keyboard

The Signature Keyboard functions like a traditional laptop keyboard, allowing for comfortable typing. The integrated trackpad supports multi-touch gestures for cursor control.

4.3 Utilizing the Surface Slim Pen 2

The Surface Slim Pen 2 allows for natural writing, drawing, and navigation directly on the screen. It charges wirelessly when stored in the dedicated slot on the Signature Keyboard. The pen offers haptic feedback for a more realistic inking experience.

Figure 4.1: Microsoft Surface Slim Pen 2.

Figure 4.2: Using the Surface Slim Pen 2 with the tablet.

4.4 Windows 11 Pro Features

Explore the features of Windows 11 Pro, including enhanced security, productivity tools, and the redesigned user interface. Utilize the Microsoft Store to download applications and personalize your device.

5. MAINTENANCE

5.1 Cleaning Your Device

- Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to wipe the display.
- For the body and keyboard, use a dry, soft cloth. Avoid abrasive materials or harsh chemicals.
- Ensure all ports are free of dust and debris.

5.2 Battery Care

- To prolong battery life, avoid extreme temperatures.
- Do not leave the device fully charged or fully discharged for extended periods.
- Periodically allow the battery to discharge to about 20% before recharging.

5.3 Software Updates

Regularly check for and install Windows updates to ensure optimal performance, security, and access to the latest features. Go to **Settings > Windows Update** to manage updates.

5.4 Storage Management

Periodically review and manage your 512GB SSD storage. Delete unnecessary files, uninstall unused applications, and utilize cloud storage services to free up space.

6. TROUBLESHOOTING

6.1 Device Not Powering On

- Ensure the device is charged. Connect the power adapter and wait a few minutes before attempting to power on.
- Press and hold the power button for 10-15 seconds to perform a forced shutdown, then press it again to restart.

6.2 Display Issues

- If the screen is black or flickering, try restarting the device.
- Check display settings in Windows to ensure correct resolution and refresh rate.

6.3 Keyboard or Pen Not Responding

- For the keyboard, ensure it is securely attached to the tablet. Detach and reattach it.
- For the Slim Pen 2, ensure it is charged by placing it in its charging slot on the keyboard.
- Check Bluetooth settings in Windows for pen connectivity.
- Update drivers for the keyboard and pen via Windows Update or Microsoft's support website.

6.4 Connectivity Problems (Wi-Fi, Bluetooth)

- Toggle Wi-Fi or Bluetooth off and on in Windows settings.
- Restart your router or modem for Wi-Fi issues.
- Ensure drivers for wireless adapters are up to date.

6.5 General Performance Issues

- Close unnecessary applications running in the background.
- Run a disk cleanup and defragmentation (for HDD, though SSDs manage this differently).
- Ensure Windows and all drivers are updated.
- Consider performing a system restore or reset if issues persist (back up data first).

7. SPECIFICATIONS

Feature	Detail
Model Name	Microsoft Surface Pro 9
Item Model Number	i7-1255U
Standing Screen Display Size	13 inches
Screen Resolution	2880 x 1920 pixels
Max Screen Resolution	2880 x 1920 MP
Processor	3.6 GHz core_i7_1265u (Intel 12th Gen)
RAM	16 GB LPDDR4X
Hard Drive	512 GB SSD
Graphics Coprocessor	Intel Iris Xe Graphics (Integrated)
Operating System	Windows 11 Professional
Wireless Type	802.11g (Wi-Fi)
USB Ports	2 x USB-C Thunderbolt 4 ports
Average Battery Life	Up to 16 hours
Item Weight	7 pounds
Product Dimensions (LxWxH)	11.3 x 8.2 x 0.37 inches
Color	Forest

8. WARRANTY AND SUPPORT

8.1 Product Warranty

Your Microsoft Surface Pro 9 comes with a standard manufacturer's warranty. Additionally, this bundle includes a **1-Year CPS Extended Warranty**, providing additional coverage beyond the standard period. Please refer to the specific warranty documentation included in your package for full terms and conditions, including coverage details and claim procedures.
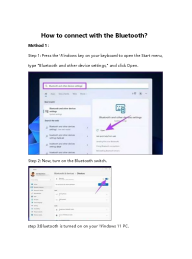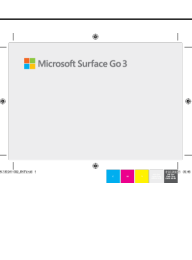
8.2 Technical Support

For technical assistance, troubleshooting, or service requests, please contact Microsoft Support. You can find support resources, FAQs, and contact information on the official Microsoft website. Have your device's serial number and proof of purchase ready when contacting support.

For support related to the CPS Extended Warranty, please refer to the contact information provided in your CPS warranty documentation.

Related Documents - i7-1255U

[Microsoft Surface Pro 5 Teardown: Detailed Component Analysis and Repairability](#)
Explore the internal architecture of the Microsoft Surface Pro 5 with this comprehensive teardown guide. Discover detailed specifications, component identification, and insights into its repairability score.

[Microsoft Surface Laptop Teardown and Disassembly Guide](#)
A comprehensive guide detailing the disassembly process of the Microsoft Surface Laptop, including component identification, internal structure, and repairability assessment.

[How to Connect to Bluetooth on Windows 11](#)
A comprehensive guide detailing two methods to enable and connect Bluetooth devices on a Windows 11 PC, including step-by-step instructions and visual descriptions.

[Microsoft Surface Pro X Teardown and Repairability Analysis](#)
A detailed teardown of the Microsoft Surface Pro X, examining its design, components, and repairability, including specifications and a repairability score.

[Microsoft Surface Pro 4 User Manual](#)
A comprehensive user guide for the Microsoft Surface Pro 4, covering setup, features, software, and troubleshooting.

[Microsoft Surface Go 3 Quick Start Guide](#)
A concise guide to setting up and using your Microsoft Surface Go 3, including information on Windows Hello and battery health.