Microsoft EP2-05006

Microsoft Surface Pro 2-in-1 Laptop/Tablet (2024) User Manual

Model: EP2-05006 | Brand: Microsoft

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new Microsoft Surface Pro 2-in-1 Laptop/Tablet (2024). Designed for versatility and performance, this device combines the power of a laptop with the flexibility of a tablet, enhanced by AI capabilities.

Figure 1: Microsoft Surface Pro 2-in-1 Laptop/Tablet (2024) in its primary configuration.

2. KEY FEATURES

- **Copilot+ PC:** Experience enhanced performance and AI capabilities, boosting productivity with security and privacy in mind.
- **13" OLED Touch Screen Display:** Enjoy a cinematic display with a 1M:1 contrast ratio for a wider range of colors.
- **All-day Battery Life:** Up to 14 hours of battery life with fast charging support via 65W PSU or USB-C.
- **Flexibility at Any Angle:** Seamlessly switch from tablet to laptop to sketchbook modes with the detachable Surface Pro Flex Keyboard (sold separately) and unique kickstand.
- **Outstanding Performance:** Powered by Snapdragon X Plus (10 core) or Elite (12 core) with a powerful NPU, offering superior speed.
- **AI-Enhanced Communication:** Improve lighting, cancel noise, and blur distractions with Windows Studio Effects for video calls.
- **Real-time Translation:** Access real-time subtitles for over 40 languages during video calls or streaming.
- **Cocreator Functionality:** Generate images and artwork from text prompts or sketches.
- **Stunning Colors:** Available in Black, Platinum, Sapphire, and new Dune, with matching keyboards in premium Alcantara fabric (sold separately).

3. WHAT'S IN THE BOX

Upon unboxing your Microsoft Surface Pro, you should find the following components:

- Device (Microsoft Surface Pro 2-in-1 Laptop/Tablet)
- PSU (Power Supply Unit)
- QSG (Quick Start Guide)
- Safety and Warranty documents

Note: Accessories such as the Surface Pro Flex Keyboard and Surface Slim Pen 2 are sold separately.
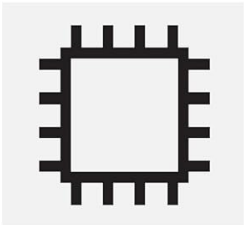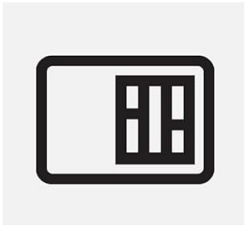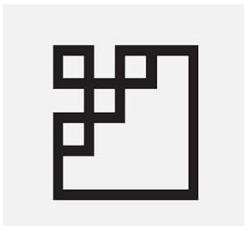
4. SETUP GUIDE

4.1 Initial Power On

1. Unpack your Surface Pro device and Power Supply Unit (PSU).
2. Connect the PSU to the Surface Connect port on your device and plug it into a power outlet.
3. Press the Power button located on the top edge of the device to turn it on.
4. Follow the on-screen instructions to complete the initial Windows 11 setup, including language selection, network connection, and user account creation.

4.2 Attaching the Keyboard (Optional)

If you have purchased the Surface Pro Flex Keyboard, attach it by aligning the magnetic connectors at the bottom edge of the Surface Pro with the corresponding connectors on the keyboard. The keyboard will snap into place securely.

OLED Specifications

PROCESSOR	MEMORY	STORAGE[2]
Snapdragon® X Plus Snapdragon® X Elite	16GB or 32GB[1] LPDDR5x RAM	Removable SSD drive 256GB, 512GB or 1TB[1]
GRAPHICS	**NPU**	**DISPLAY**
Qualcomm® Adreno™ GPU	Qualcomm® Hexagon™ (45 TOPs)	13" Touchscreen PixelSense™ Flow OLED display[3]

[1] 32GB memory and 1T storage option available for Pro with Wi-Fi only. [2] See Surface.com/Storage for more details. [3] Surface Pro display has rounded corners within a standard rectangle. When measured as a standard rectangular shape the screen is 13″ diagonally (actual viewable area is less).

Figure 2: Surface Pro with the detachable keyboard attached, ready for laptop mode.

4.3 Using the Kickstand

The integrated kickstand allows you to adjust the viewing angle of your Surface Pro. Gently pull out the kickstand from the back of the device and position it to your desired angle for comfortable viewing or typing.

All-day battery life

Figure 3: The Surface Pro kickstand provides flexible viewing angles.

5. OPERATING YOUR SURFACE PRO

5.1 Navigating Windows 11

Your Surface Pro runs on Windows 11, offering a familiar and intuitive user experience. Utilize the touchscreen for gestures, taps, and swipes, or use the trackpad and keyboard for traditional navigation.

Touchscreen Gestures:

- **Tap:** Select an item or open an application.
- **Swipe:** Scroll through content or navigate between screens.
- **Pinch-to-Zoom:** Zoom in or out on images and web pages.
- **Three-finger swipe up:** Open Task View to see all open windows.
- **Three-finger swipe down:** Minimize all open windows to show the desktop.

5.2 Utilizing Copilot+ PC Features

The Surface Pro (2024) is a Copilot+ PC, integrating advanced AI features to enhance your productivity and creativity.

Key AI Features:

- **Windows Studio Effects:** Enhance your video calls with features like automatic framing, eye contact correction, and background blur. Access these settings through your camera application or video conferencing software.
- **Live Captions with Translation:** Get real-time captions for audio and video, with translation capabilities for over 40 languages. This feature is ideal for international meetings or consuming foreign language content.
- **Cocreator:** Generate images and artwork from text prompts or sketches. This feature is integrated into applications like Paint and allows for creative expression.

Video 1: "A new AI era begins." - This video demonstrates the new AI capabilities of the Surface Pro Copilot+ PC.

Video 2: "Introducing Surface Pro Copilot+ PC." - An introductory video showcasing the features of the new Surface Pro.

Video 3: "A Copilot+ PC can help enhance your communication." - This video highlights how the Copilot+ PC features improve communication.

Video 4: "A Copilot+ PC Can Cocreate With You!" - Demonstrates the Cocreator feature for generating content.

Video 5: "Surface runs on an NPU. What is an NPU?" - Explains the Neural Processing Unit (NPU) in the Surface Pro.

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Standing screen display size	13 Inches
Screen Resolution	2560 x 1600 pixels
Max Screen Resolution	2880 x 1920
Processor	Snapdragon X Elite (12 core)
RAM	16 GB LPDDR5
Hard Drive	256 GB SSD
Graphics Coprocessor	ARM Mali-T604
Operating System	Windows 11 Home
Item Weight	3.69 pounds
Product Dimensions	12.07 x 8.98 x 1.97 inches
Color	Black
Wireless Type	Bluetooth
USB Ports	1x USB 2.0, 1x USB 3.0

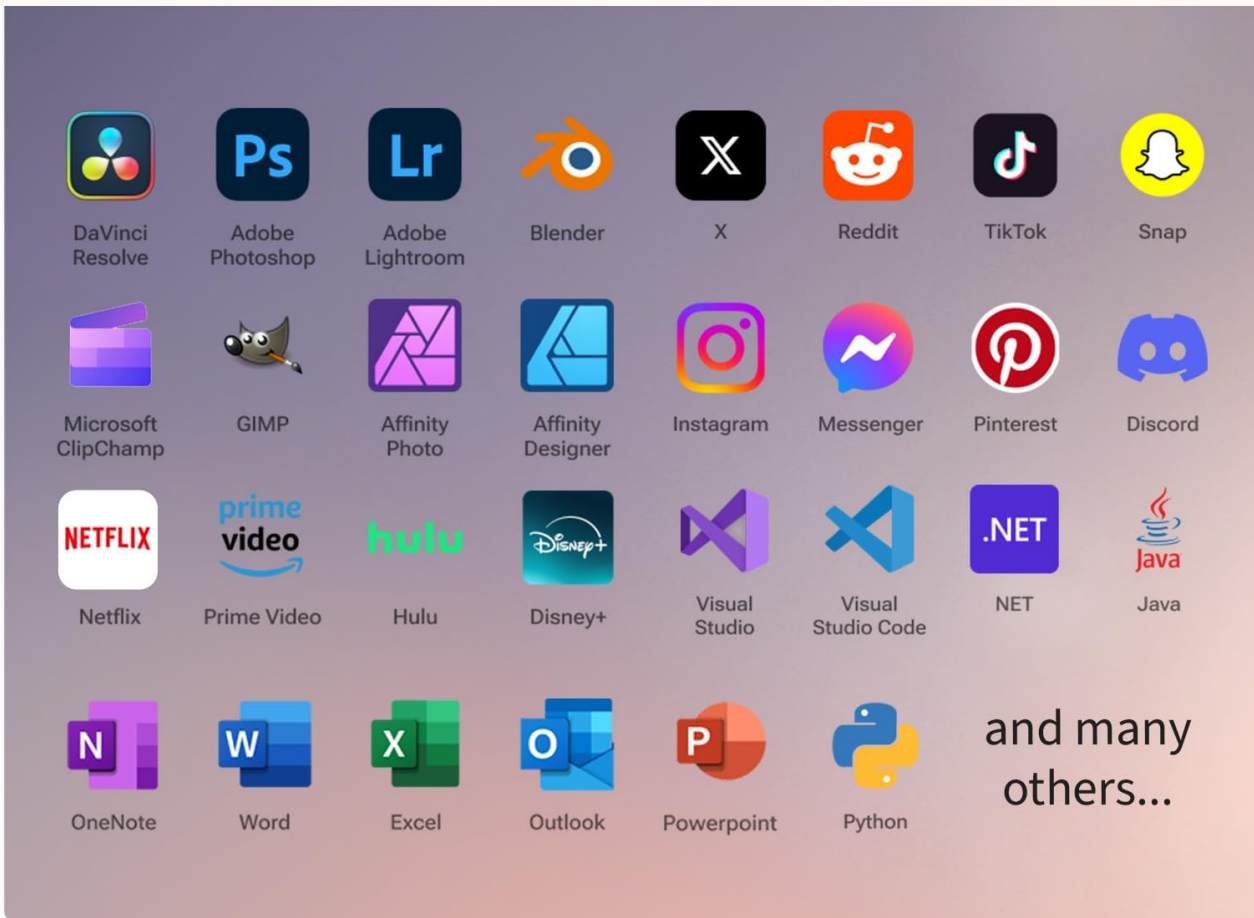| Feature	Detail
Batteries	1 Lithium Ion battery (included)

Your everyday apps supercharged

Figure 4: Detailed OLED Specifications of the Surface Pro.

7. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Surface Pro, follow these maintenance guidelines:

- **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 maximize battery lifespan, avoid extreme temperatures. It is recommended to keep the battery charged between 20% and 80% when possible.
- **Software Updates:** Regularly check for and install Windows updates to ensure your device has the latest security patches and performance improvements.
- **Storage Management:** Periodically clear unnecessary files and applications to free up storage space and maintain system speed.

- **Physical Protection:** Consider using a protective case or sleeve, especially when transporting the device, to prevent scratches and damage.

8. TROUBLESHOOTING COMMON ISSUES

8.1 Device Not Powering On

- Ensure the power supply is securely connected to both the device and a working power outlet.
- Try a different power outlet.
- Hold the power button for 10-15 seconds to perform a force shutdown, then press it again to restart.

8.2 Screen Issues (No Display, Flickering)

- Ensure the device is powered on and charged.
- If using an external display, check the cable connections and display settings.
- Try restarting the device.

8.3 Performance Slowdown

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Run a disk cleanup to remove temporary files.
- Ensure sufficient free storage space.

8.4 Keyboard or Pen Not Responding

- Ensure the keyboard is securely attached to the Surface Pro.
- For the pen, check its battery level and ensure it's properly paired via Bluetooth.
- Restart the Surface Pro.

9. WARRANTY AND SUPPORT

Your Microsoft Surface Pro (2024) comes with a standard manufacturer's warranty. Please refer to the included Safety and Warranty documents for detailed terms and conditions, including warranty period and coverage.
For technical support, product registration, or to inquire about extended protection plans, please visit the official Microsoft Support website or contact their customer service. Keep your proof of purchase handy for any warranty claims.

- **Online Support:** support.microsoft.com/surface
- **Protection Plans:** Additional protection plans are available for purchase, offering extended coverage beyond the standard warranty.