Lenovo 83JU0004US Yoga 7 2-in-1 16AKP10

Lenovo Yoga 7 2-in-1 2025 Copilot+ PC User Manual

Model: 83JU0004US Yoga 7 2-in-1 16AKP10

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Lenovo Yoga 7 2-in-1 2025 Copilot+ PC. This device combines the functionality of a laptop with the versatility of a tablet, featuring a 16-inch WUXGA touchscreen, AMD Ryzen AI 7 350 Processor, and Windows 11 Pro.
Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device.

WHAT'S IN THE BOX

- Lenovo Yoga 7 2-in-1 laptop computer
- Battery (integrated)
- Power adapter and cord
- Lenovo Linear Pen

DEVICE OVERVIEW

The Lenovo Yoga 7 2-in-1 is designed for flexibility and performance. It features a 360° hinge allowing transitions between laptop, tablet, stand, and tent modes. The device includes a touchscreen and a Lenovo Linear Pen for precise input.

Figure 1: Lenovo Yoga 7 2-in-1 in laptop mode.

Ports and Connectors

Familiarize yourself with the various ports and connectors on your device for optimal connectivity.

Ports & Slots

1	HDMI 2.1(support resolution up to 4k@60Hz)	5	USB-C® Full Function (USB 10Gbps, Power Delivery 3.1, Display Port 1.4a)
2	USB-C® Full Function (USB 10Gbps, Power Delivery 3.1, Display Port 1.4a)	6	MicroSD card reader
3	Headphone / mic combo	7	Power button
4	USB-A (USB 5Gbps)		

Figure 2: Ports and Slots Diagram.

1. **HDMI 2.1:** Supports resolution up to 4K at 60Hz.
2. **USB-C (USB 10Gbps / USB 3.2 Gen 2):** With USB Power Delivery 3.1 and DisplayPort 2.1 UHBR10.
3. **Headphone / microphone combo jack (3.5mm):** For audio input and output.
4. **USB-A (USB 5Gbps / USB 3.2 Gen 1):** Always On functionality.
5. **USB-C (USB 10Gbps / USB 3.2 Gen 2):** With USB Power Delivery 3.1 and DisplayPort 1.4a.
6. **MicroSD card reader:** For expanding storage or transferring files.
7. **Power button:** To turn the device on/off or put it to sleep.

SETUP

Initial Power On

1. Connect the power adapter to the device and a power outlet.
2. Press the Power button (refer to Figure 2, item 7) to turn on the device.
3. Follow the on-screen instructions to complete the initial Windows 11 Pro setup, including language selection, network connection, and user account creation.

Connecting Peripherals

- **USB Devices:** Connect USB-A or USB-C peripherals (e.g., external drives, mice, keyboards) to the corresponding ports.
- **External Display:** Use the HDMI 2.1 port or a USB-C port with DisplayPort functionality to connect an external monitor.
- **Audio Devices:** Plug headphones or external speakers into the 3.5mm combo jack.

OPERATING INSTRUCTIONS

Using the 2-in-1 Modes

Your Yoga 7 features a 360° hinge, allowing it to adapt to various usage scenarios:

- **Laptop Mode:** Standard laptop configuration for typing and productivity.
- **Tent Mode:** Ideal for presentations or watching media in confined spaces.
- **Stand Mode:** Positions the screen closer for touch interaction, suitable for media consumption.
- **Tablet Mode:** Fold the screen back completely for a full tablet experience, optimized for touch and pen input.
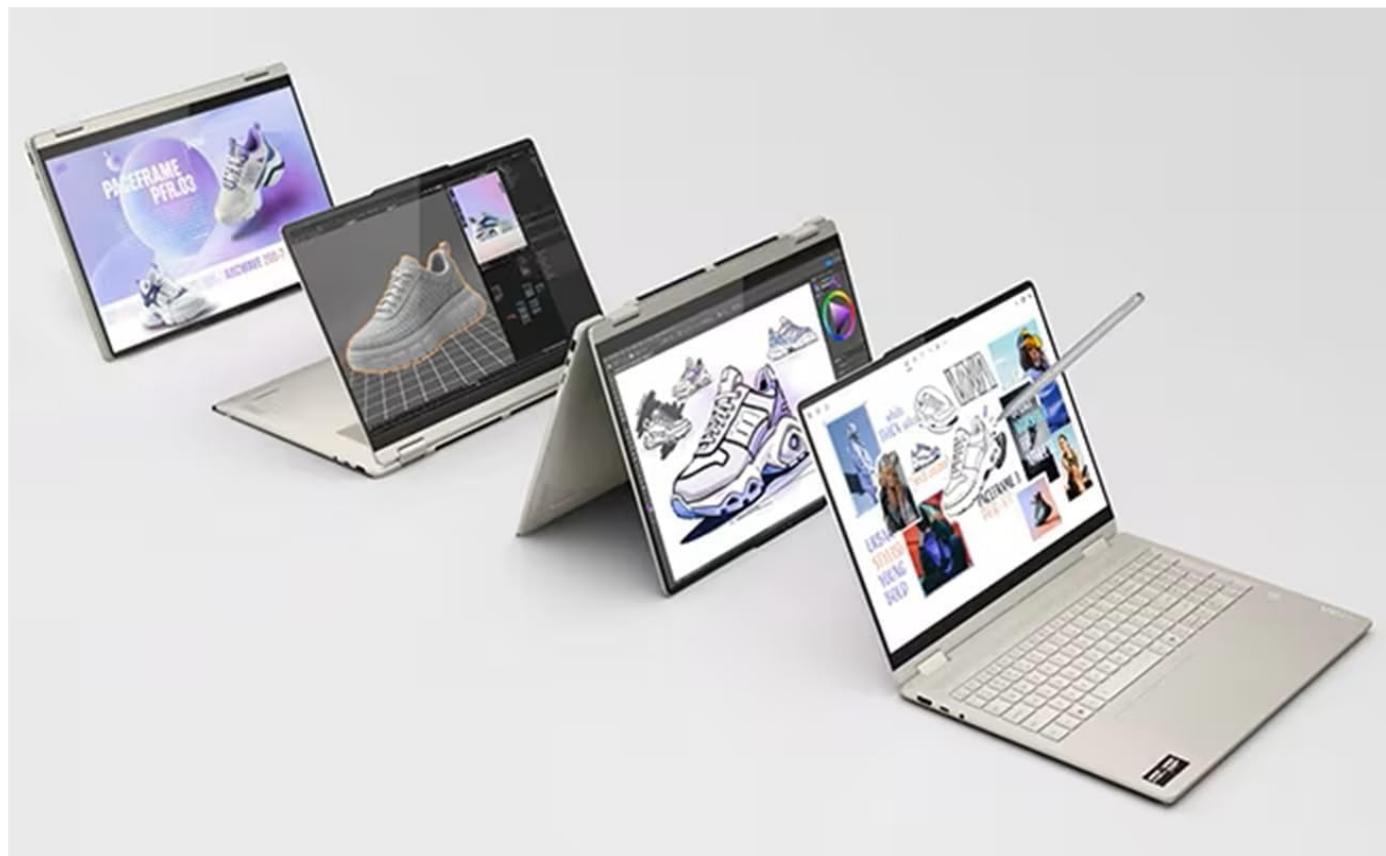
Figure 3: The Yoga 7 2-in-1 adapting to various modes.

Using the Lenovo Linear Pen

The included Lenovo Linear Pen supports tilt and pressure detection for precise input. It can be used for drawing, writing, and navigating the touchscreen.

Figure 4: Using the Lenovo Linear Pen in tablet mode.

Copilot Integration

The device features Copilot, an AI assistant integrated with Windows 11 Pro. You can interact with Copilot using voice commands to:

- Search across applications and platforms.
- Create images and draft content.
- Receive coding assistance.
- Generate action items and translations from meetings.

Smart Note Functionality

Smart Note streamlines your note-taking process:

- Capture ideas directly from the lock screen.
- Synchronize notes with Microsoft OneNote.
- Convert handwritten notes to text.
- Link audio recordings directly to your notes for contextual playback.
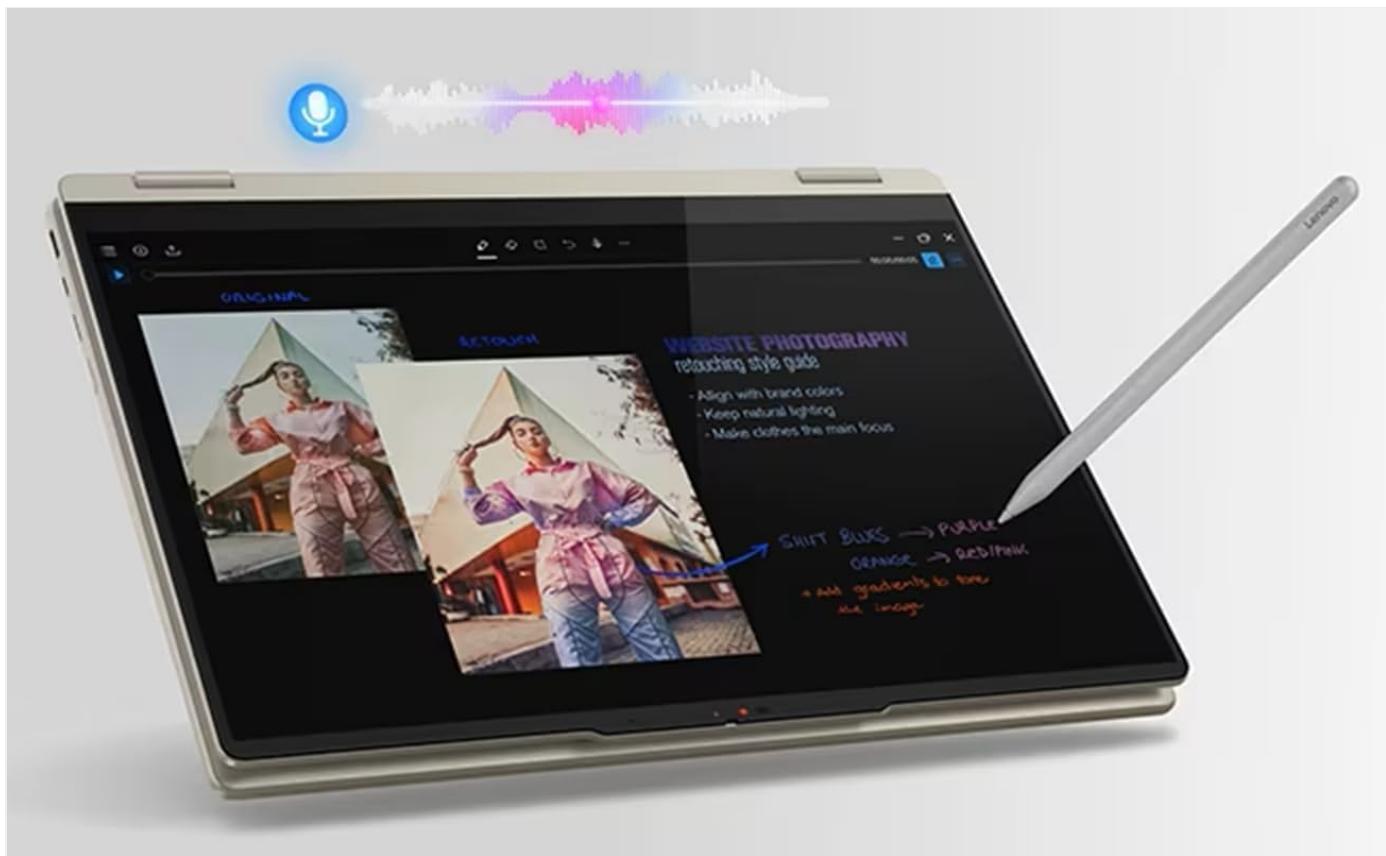
Figure 5: Smart Note in action, showing handwritten input and audio integration.

Keyboard and Fingerprint Reader

- The backlit keyboard features optimized 1.5mm key travel and ergonomically designed concave keycaps for comfortable and precise typing.
- The integrated fingerprint reader provides secure and convenient login.

MAINTENANCE

General Care

- Keep the device clean using a soft, lint-free cloth. Avoid harsh chemicals.
- Protect the screen from scratches by using the Lenovo Linear Pen carefully and avoiding sharp objects.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Ensure proper ventilation by not blocking the air vents.

Battery Management

- The 70Wh rechargeable Li-ion battery supports Rapid Charge Express, providing approximately 3 hours of runtime with a 15-minute charge.
- Lenovo AI Core optimizes battery performance and extends longevity through adaptive charging and smart battery technology.
- For long-term storage, charge the battery to about 50-60% and store the device in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your Lenovo Yoga 7 2-in-1, consider the following common troubleshooting steps:

- **Device not powering on:** Ensure the power adapter is securely connected and the battery has sufficient charge. Try holding the power button for 10-15 seconds.
- **Screen issues:** If the screen is blank or flickering, try connecting an external monitor to determine if the issue is with the internal display or graphics card. Update display drivers.
- **Slow performance:** Close unnecessary applications, check for background processes, ensure sufficient free storage space, and update Windows and drivers.
- **Peripheral not recognized:** Ensure the peripheral is properly connected. Try a different port or restart the device. Check device manager for driver issues.
- **Pen not responding:** Ensure the pen battery is charged (if applicable) and that the pen is properly paired or recognized by the system.
- **Overheating:** Ensure air vents are clear. Avoid using the device on soft surfaces that can block ventilation. Reduce heavy workload if possible.

For more complex issues, refer to the Lenovo support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen AI 7 350 Processor (2.00 GHz up to 5.00 GHz, "Zen 5" microarchitecture)
Memory	16 GB LPDDR5X-7500MT/s (Soldered)
Storage	1 TB SSD M.2 2242 PCIe Gen4 TLC
Display	16" WUXGA (1920 x 1200), IPS, Glare, Touch, 45%NTSC, 300 nits, 60Hz, Glass, Dolby Vision
Graphics	Integrated AMD Radeon 860M
Camera	1080P FHD IR Hybrid with Dual Microphone and Privacy Shutter
Battery	70Wh Rechargeable Li-ion Battery, supports Rapid Charge Express
Connectivity	Wi-Fi 7 2x2 BE 160MHz & Bluetooth 5.4
Keyboard	Backlit, English (US) QWERTY, 1.5mm key travel, concave keycaps
Operating System	Windows 11 Pro 64
Ports	1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On 1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort 2.1 UHBR10 1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort 1.4a 1x HDMI 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x microSD card reader
Dimensions (LxWxH)	14.21 x 10.11 x 0.62 inches
Weight	Approximately 4.30 lbs

Color	Seashell (Note: Product images show a light silver/gold color)

WARRANTY AND SUPPORT

Your Lenovo Yoga 7 2-in-1 PC comes with a**1 Year Courier or Carry-in Warranty**. You may be able to extend coverage up to 5 years by registering your computer with Lenovo.

For warranty claims, technical support, or to register your product, please visit the official Lenovo support website or contact their customer service. Keep your proof of purchase and product serial number handy.

The device has been tested against 12 military-grade requirements and over 200 quality checks to ensure durability.