

[manuals.plus](#) /› [NIMO](#) /› **NIMO 15.6-inch Laptop N15A User Manual: AMD Ryzen 7 Pro 6850U, 16GB LPDDR5 RAM, 1TB SSD**

NIMO NIMO N15A

NIMO 15.6-inch Laptop N15A User Manual

Model: NIMO N15A | Brand: NIMO

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your NIMO 15.6-inch laptop, model N15A. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

1.1 Product Overview

The NIMO 15.6-inch laptop is designed for productivity and light gaming, featuring an AMD Ryzen 7 Pro 6850U processor, 16GB LPDDR5 RAM, and a 1TB PCIe 4.0 SSD. It includes a 15.6" FHD IPS anti-glare display, a backlit keyboard, and an integrated fingerprint sensor for secure login.



Image 1.1: NIMO 15.6-inch Laptop N15A. This image displays the laptop with its screen showing a dynamic graphic, highlighting key features like the 15.6" FHD IPS display, AMD Ryzen 7 Pro 6850U processor, 16GB RAM, 1TB SSD, fingerprint sensor, Type-C PD charger, and backlit keyboard.

1.2 What's in the Box

- 1 x NIMO N15A Laptop
- 1 x Type-C 100W PD Fast Charger
- 1 x User Manual (this document)
- Windows 11 Home (pre-installed)

2. SETUP

2.1 Initial Charging

Before first use, it is recommended to fully charge your NIMO laptop. Connect the included 100W PD fast charger to the Type-C charging port on the laptop and to a power outlet. The charging indicator light will illuminate. A 15-minute charge can provide up to 2 hours of usage, and a full charge typically takes approximately 1 hour for 5 hours of usage, with up to 12 hours of standby time.

1 Hour of Charging, 5 Hours of Usage

54Wh Smart Battery for up to 12 Hours Standby



Image 2.1: NIMO Laptop Charging. This image illustrates the laptop being charged with the 100W Type-C PD fast charger, highlighting the 54Wh smart battery and charging efficiency.

2.2 Powering On

Press the power button located on the keyboard to turn on the laptop. The system will boot into Windows 11 Home. Follow the on-screen instructions for initial Windows setup, including language selection, network connection, and user account creation.

3. OPERATION

3.1 Display

Your NIMO laptop features a 15.6-inch Full HD (1920x1080 pixels) IPS anti-glare display. This display offers clear, vibrant visuals with an 85% screen-to-body ratio and eye protection features. Adjust brightness using the function keys (Fn + Fx keys, refer to keyboard layout for specific keys).



Image 3.1: NIMO Laptop Display. This image emphasizes the 15.6-inch Full HD IPS display with its 1920x1080 resolution, bright view, and eye protection features.

3.2 Keyboard and Touchpad

The laptop is equipped with a backlit keyboard for comfortable typing in various lighting conditions. The precision

gesture touchpad allows for effortless navigation. An integrated fingerprint sensor is located on the touchpad for secure and instant login.

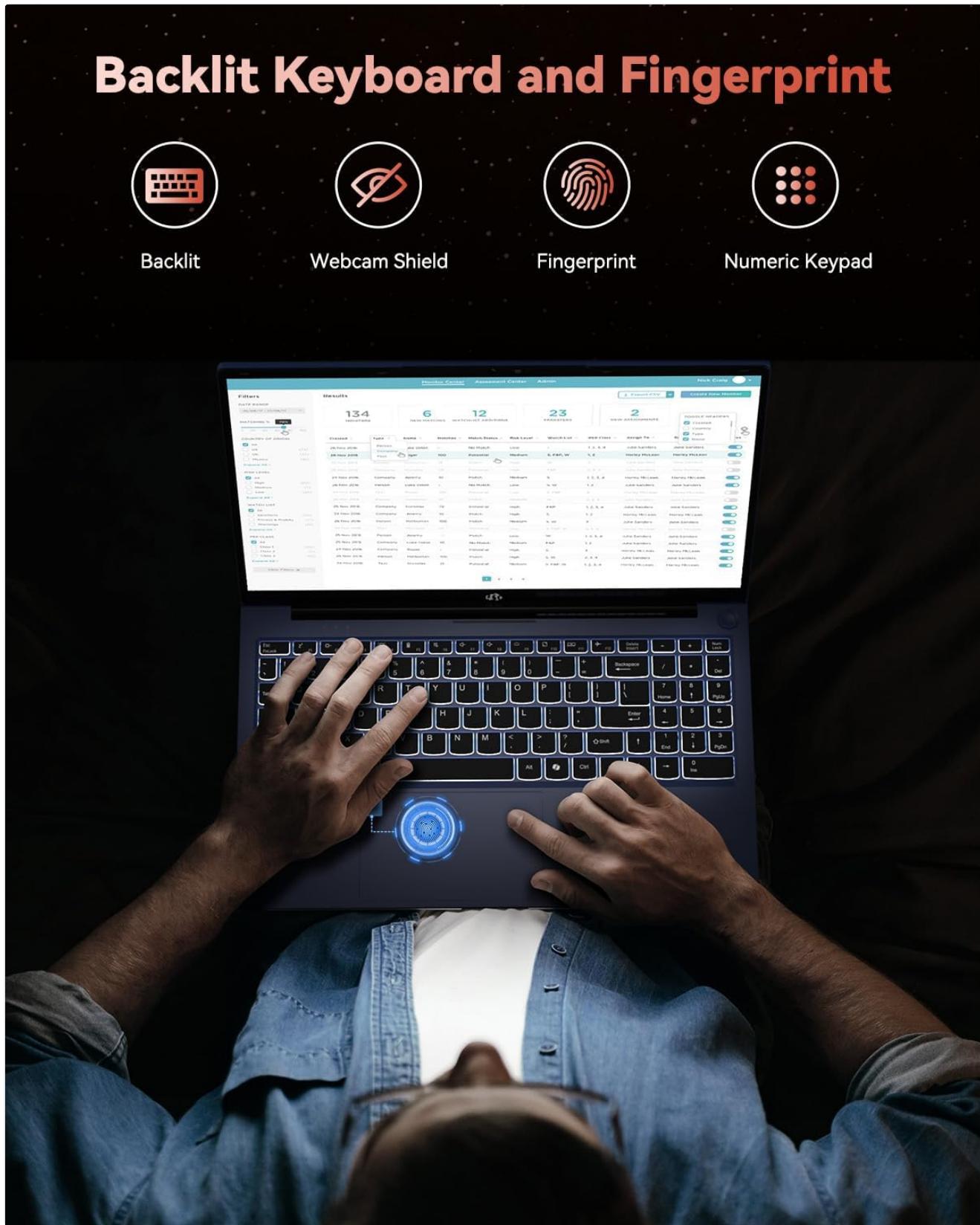


Image 3.2: NIMO Laptop Backlit Keyboard and Fingerprint Sensor. This image shows a user interacting with the laptop, highlighting the backlit keyboard and the fingerprint sensor on the touchpad.

3.3 Webcam Privacy

The laptop includes a built-in 2.0 MP webcam with a privacy camera switch. This allows you to physically disable the webcam when not in use, enhancing your privacy.

4. PERFORMANCE

4.1 Processor and Graphics

The NIMO N15A is powered by an AMD Ryzen 7 Pro 6850U processor, featuring 8 cores and 16 threads with turbo speeds up to 4.7GHz. This processor is designed for efficient handling of demanding tasks, professional workloads, and content creation. Integrated graphics are provided by the AMD Radeon 680M GPU, one of the most capable integrated GPUs available, offering balanced performance for productivity and gaming.



Image 4.1: AMD Ryzen 7 Pro 6850U Processor. This image visually represents the AMD Ryzen 7 Pro 6850U processor, highlighting its 8 cores, 16 threads, 680M GPU Radeon, and 4.7GHz turbo boost.

AMD Radeon™ 680M Graphics

One of the most capable integrated GPUs available



Image 4.2: AMD Radeon 680M Graphics. This image showcases the laptop's capability with AMD Radeon 680M graphics, displaying various applications and games.

4.2 Memory and Storage

The laptop comes equipped with 16GB of LPDDR5 RAM, operating at 6400 MHz, providing a 50% speed increase compared to DDR4. For storage, it includes a 1TB PCIe 4.0 SSD, offering rapid multitasking and data access with speeds up to 6000 MB/s. This configuration ensures seamless multitasking and ample storage for your files and applications.

Seamless Multitasking - Ample Storage



NIMO Laptop Upgrade LPDDR5

6400

MHz

16GB

Equipped With 1TB PCIe 4.0 SSD

6000

MB/S

1TB

(Max 2TB)

Speed Increase 50% ↑

LPDDR5

6400MHz

DDR4 3200MHz

Speed Boost

PCIe 4.0

6000MHz

PCIe 3.0 3500MHz

Image 4.3: NIMO Laptop Memory and Storage. This image illustrates the 1TB PCIe 4.0 SSD and 16GB LPDDR5 RAM, demonstrating the laptop's multitasking capabilities with multiple applications open.

5. CONNECTIVITY

The NIMO N15A laptop offers a range of high-speed interfaces for connecting peripherals and external devices:

- USB 3.0 Ports:** 4 ports for high-speed data transfer.
- USB 2.0 Port:** 1 port for general peripheral connections.
- Type-C Ports:** Multiple Type-C ports, including one for 100W PD charging and others with multifunction

capabilities.

- **HDMI Port:** For connecting to external displays or projectors.
- **Headphone Jack:** For audio output.
- **Micro SD Reader:** For expanding storage or transferring data from memory cards.
- **Kensington Lock Slot:** For physical security.
- **Wireless Connectivity:** Supports 802.11a/b/g/n/ac for Wi-Fi.

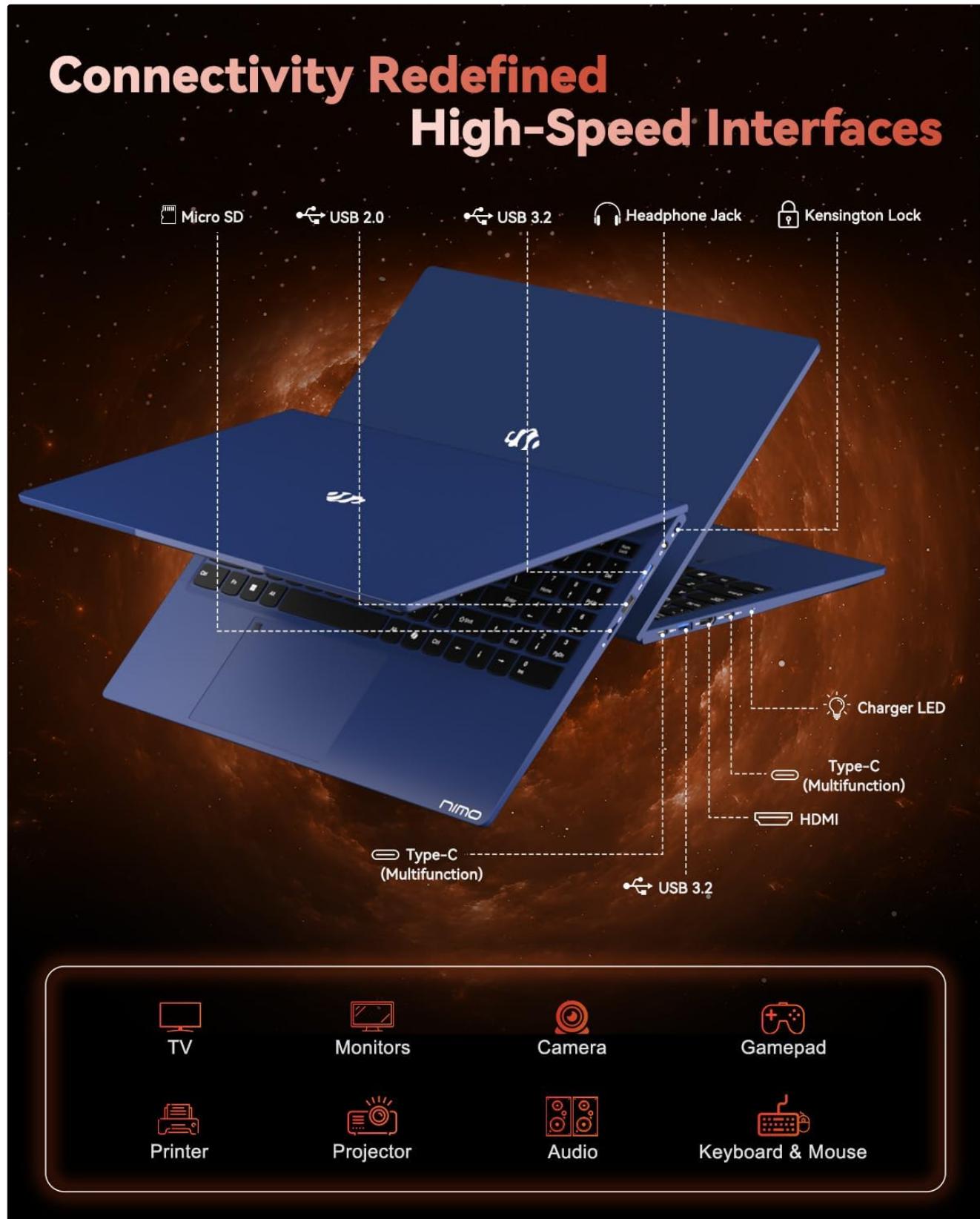


Image 5.1: NIMO Laptop Connectivity Ports. This image provides a detailed diagram of the laptop's various ports, including Micro SD, USB 2.0, USB 3.2, Headphone Jack, Kensington Lock, Type-C (multifunction), HDMI, and Charger LED.

6. MAINTENANCE

6.1 General Care

- Keep the laptop clean by regularly wiping surfaces with a soft, dry cloth.
- Avoid exposing the laptop to extreme temperatures, direct sunlight, or high humidity.
- Do not place heavy objects on the laptop.
- Ensure proper ventilation by not blocking the air vents.

6.2 Component Upgrades

The NIMO N15A laptop is designed with user-friendly upgrade options. You can easily upgrade components such as the SSD to meet evolving needs. Refer to the official NIMO support resources or a qualified technician for detailed upgrade instructions to avoid voiding your warranty.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your NIMO laptop. For more complex problems, please contact NIMO customer support.

7.1 Power Issues

- **Laptop does not turn on:** Ensure the charger is properly connected and the battery has sufficient charge. Try holding the power button for 10-15 seconds to perform a hard reset.
- **Battery not charging:** Verify the charger is functioning correctly and connected to a working power outlet. Check the Type-C cable for damage.

7.2 Display Problems

- **Screen is blank:** Ensure the laptop is powered on. Try adjusting the display brightness using function keys. Connect to an external monitor to check if the issue is with the laptop's internal display.

7.3 Connectivity Issues

- **Wi-Fi not connecting:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Ensure correct Wi-Fi password is entered.
- **USB devices not recognized:** Try connecting the device to a different USB port. Ensure device drivers are up to date.

8. SPECIFICATIONS

Feature	Detail
Brand	NIMO
Model Name	NIMO N15AB (N15A)
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 Pixels (Full HD IPS)
Processor	AMD Ryzen 7 Pro 6850U (8 Cores, up to 4.7 GHz)

Feature	Detail
RAM	16 GB LPDDR5 (6400 MHz)
Hard Drive	1024 GB SSD (PCIe 4.0)
Graphics Coprocessor	AMD Radeon 680M (Integrated)
Operating System	Windows 11 Home
Wireless Type	802.11a/b/g/n/ac
USB Ports	1 x USB 2.0, 4 x USB 3.0, Multiple Type-C (Multifunction)
Other Ports	HDMI, Headphone Jack, Micro SD Reader, Kensington Lock
Battery Life (Average)	9 Hours
Item Weight	3.8 pounds
Product Dimensions	14.07 x 8.98 x 0.76 inches
Special Features	Backlit Keyboard, Fingerprint Reader, HD Audio, Numeric Keypad
Rear Webcam Resolution	2 MP

9. WARRANTY AND SUPPORT

NIMO stands by the quality of its products. Your NIMO laptop comes with the following:

- 2-Year Manufacturer's Warranty:** Covers defects in materials and workmanship under normal use.
- 90-Day Hassle-Free Return Policy:** Allows for returns within 90 days of purchase.

For technical assistance, warranty claims, or product-related inquiries, please contact NIMO customer support. Our dedicated support team is available to provide prompt and effective assistance. Contact information may be found on the official NIMO website or through the product page where you made your purchase.

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For the latest information and support, visit the official NIMO website.

Related Documents - NIMO N15A

	<u>NIMO N175 Series Laptop User Manual and Safety Information</u> Official user manual and safety guide for the NIMO N175 series laptop. Provides detailed information on product features, setup, operation, maintenance, troubleshooting, warranty, and regulatory compliance.
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	<p>NIMO N157 Series Laptop User Manual</p> <p>User manual for the NIMO N157 series laptop, covering product schematic, instructions for use, safety guidelines, troubleshooting, warranty information, and FCC/IC compliance.</p>
	<p>NIMO N173 Series Notebook User Manual Setup, Safety & Troubleshooting Guide</p> <p>Comprehensive user manual for the NIMO N173 series notebook, covering product schematics, setup instructions, power supply, charging, cleaning, maintenance, safety guidelines, troubleshooting, and warranty information.</p>
	<p>NIMO N171 Series Laptop User Manual and Safety Guide</p> <p>Comprehensive user manual for the NIMO N171 series laptop, covering product specifications, usage instructions, safety guidelines, troubleshooting, and warranty information.</p>
	<p>NIMO N153 Series Laptop User Manual and Safety Guide</p> <p>This user manual provides comprehensive information for the NIMO N153 series laptop, including setup instructions, function key details, power supply and charging guidance, safety precautions, troubleshooting steps, warranty information, and FCC compliance statements.</p>
	<p>NIMO N154 Series Laptop User Manual</p> <p>User manual for the NIMO N154 Series laptop, covering product schematics, instructions for use, safety guidelines, troubleshooting, warranty information, and regulatory compliance.</p>