AWOW AK10X

AWOW Mini PC AK10X User Manual

Model: AK10X

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your AWOW Mini PC AK10X. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Image: Front and rear view of the AWOW Mini PC, highlighting its compact size and various ports including USB, HDMI, and Ethernet.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x AWOW Mini PC (Intel CPU N100)

- 1x Mounting Bracket
- 1x HDMI Cable
- 1x Power Adapter
- 1x Instruction Manual (this document)

Terrific read and write speed

Read Speed
- 131.16 MB/S
- 435 MB/S

Write Speed
- 90.32 MB/S
- 430 MB/S

M.2 2280 NVME ▮   EMMC ▮
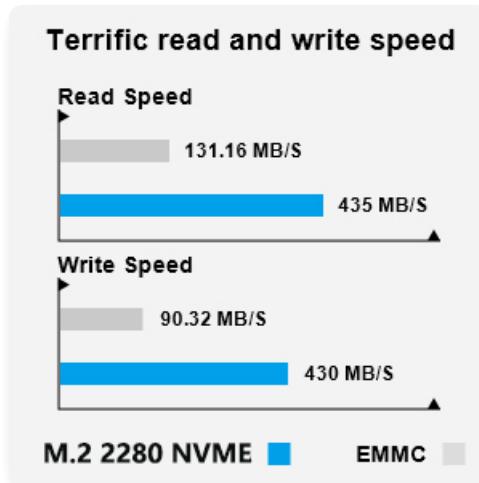
Image: Visual representation of the items included in the AWOW Mini PC package, such as the mini PC unit, power adapter, HDMI cable, and mounting bracket.

SETUP GUIDE

1. Connecting Peripherals

1. **Connect Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The Mini PC supports up to four screens simultaneously via its two HDMI 2.0 ports and two full-featured Type-C ports.

2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into any of the available USB ports (2x USB 3.0, 2x USB 2.0).

3. **Connect Network:** For a wired connection, plug an Ethernet cable into one of the RJ45 Gigabit Ethernet ports. For wireless, the device supports 2.4G/5G WiFi.

4. **Connect Power:** Insert the power adapter into the DC Jack on the Mini PC and then plug it into a power outlet.

More Interface Meets Your Multiple Needs

Full-featured Type-C*2

Indicator Light

USB 3.1 (Gen1)*2

Audio Jack

switch

DC

HDMI2.0

LAN

USB*2

HDMI2.0

Speakers

Program Equipment

Ofice Equipment

Monitor

Projector

NAS

Keyboard and Mouse
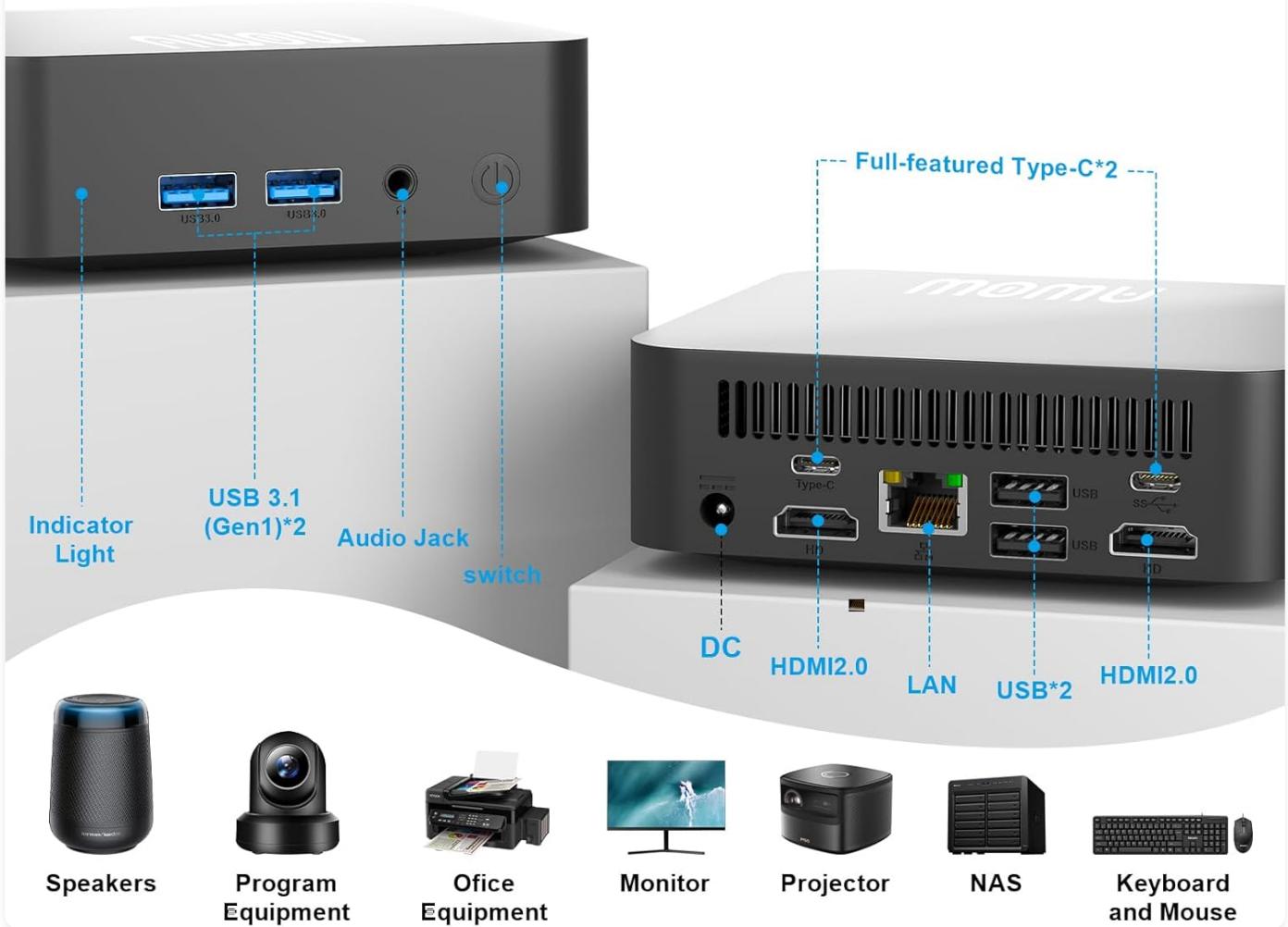
Image: Close-up view of the AWOW Mini PC's rear and side ports, including HDMI, USB, Ethernet, and Type-C, with labels indicating their functions.

2. Powering On

Press the power button located on the front of the Mini PC. The indicator light will illuminate, and the system will begin to boot up.

3. Initial Windows 11 Pro Setup

Upon first boot, you will be guided through the Windows 11 Pro setup process. Follow the on-screen prompts to configure your region, language, network, and user account settings.

OPERATING INSTRUCTIONS

Multi-Screen Display

The AWOW Mini PC supports up to four displays simultaneously, providing an expansive workspace for enhanced productivity or immersive entertainment. Connect your monitors to the available HDMI and full-featured Type-C ports.

- **HDMI Ports:** Two HDMI 2.0 ports support 4K@60Hz output.
- **Type-C Ports:** Two full-featured Type-C ports also support video output.

To configure multiple displays in Windows 11 Pro:

1. Right-click on an empty area of your desktop and select "Display settings."

2. Under "Multiple displays," you can detect, identify, and arrange your monitors.

3. Choose your preferred display option: "Duplicate these displays," "Extend these displays," or "Show only on 1/2/3/4."

Image: An AWOW Mini PC connected to three external monitors, demonstrating its multi-display capability for an extended desktop experience.

Storage Expansion

The Mini PC comes with a 512GB M.2 2280 NVMe SSD. For additional storage, the device may support further expansion. Refer to the internal layout for potential additional M.2 slots or SATA connections if you plan to upgrade.

Image: An exploded view diagram of the AWOW Mini PC, illustrating its internal components such as the M.2 NVMe SSD and DDR4 RAM modules.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AWOW Mini PC.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Mini PC. Avoid liquid cleaners or abrasive materials. For vents, use compressed air to remove dust buildup.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area. Do not block the ventilation holes.
- **Software Updates:** Regularly update your Windows 11 Pro operating system and drivers to ensure security and performance.
- **Power Management:** Always shut down the Mini PC properly through the operating system before disconnecting power.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display output	Loose cable connection, incorrect input source on monitor, monitor off.	Check HDMI/Type-C cable connections. Ensure monitor is on and set to the correct input. Try a different port or cable.
Mini PC does not power on	Power adapter not connected, faulty power outlet.	Verify power adapter is securely connected to both the Mini PC and a working power outlet.
Slow performance	Too many applications running, insufficient free storage, outdated drivers.	Close unnecessary applications. Check available storage space. Update Windows and drivers.
No internet connection (wired)	Ethernet cable disconnected, router issue, network driver issue.	Check Ethernet cable connection. Restart router. Check network adapter settings in Windows.
No internet connection (wireless)	WiFi disabled, incorrect password, router issue, signal interference.	Ensure WiFi is enabled in Windows. Re-enter WiFi password. Restart router. Move closer to router.

SPECIFICATIONS

Key technical specifications of the AWOW Mini PC AK10X:

Feature	Detail
Processor	Intel 12th Gen N100 (4 Cores, up to 3.4 GHz)
Graphics	Intel UHD Graphics (24 Execution Units)
RAM	16GB DDR4 3200MHz
Storage	512GB M.2 2280 NVMe SSD
Operating System	Windows 11 Pro (Pre-installed)
Video Output	2x HDMI 2.0 (4K@60Hz), 2x Full-featured Type-C (4K UHD) - Supports Four-screen display
USB Ports	2x USB 3.1 (Gen1), 2x USB 2.0
Network	RJ45 Dual Gigabit Ethernet, 2.4G/5G WiFi
Bluetooth	Bluetooth 5.2
Audio	1x Audio Jack
Dimensions	Approx. 4.4 x 4.4 x 1.4 inches (Package Dimensions: 5.39 x 5.39 x 3.58 inches)
Weight	Approx. 0.317 ounces (Product Weight)

All-purpose Mini Pc

for Study/ Home/ Work in Between

Intel® Celeron® N100 · 16GB RAM · 512GB ROM · 2.4G+5G Dual WIFI · Windows 11 Pro · Buletooth 5.2 · Dual LAN


1.4 inch

4.4 inch

4.4 inch
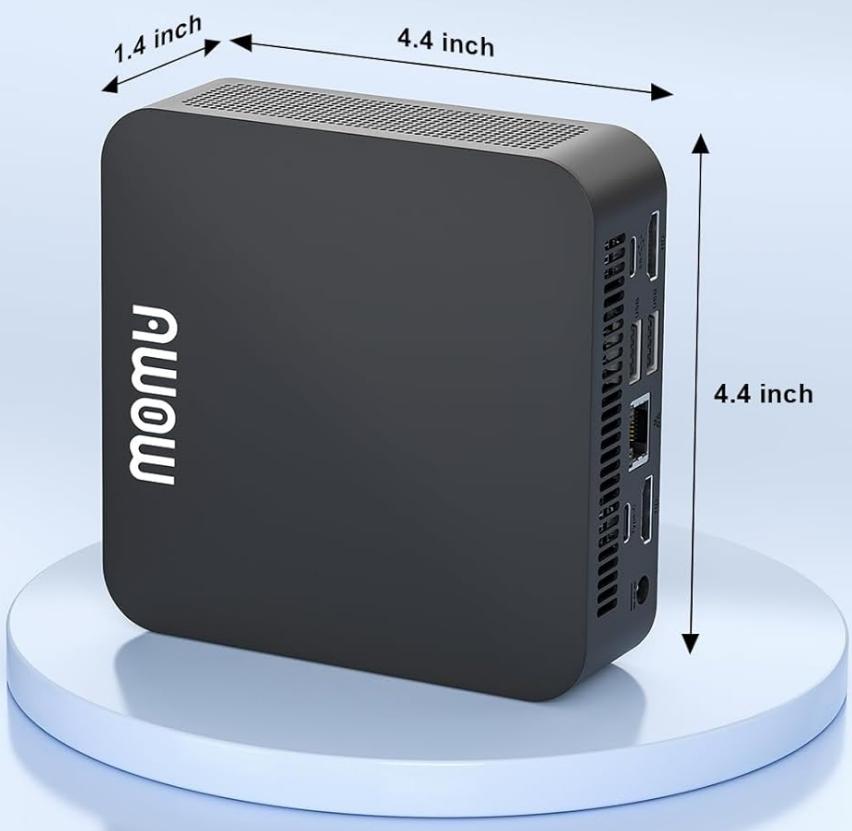
Image: The compact dimensions of the AWOW Mini PC, shown next to a smartphone for scale, highlighting its small footprint.
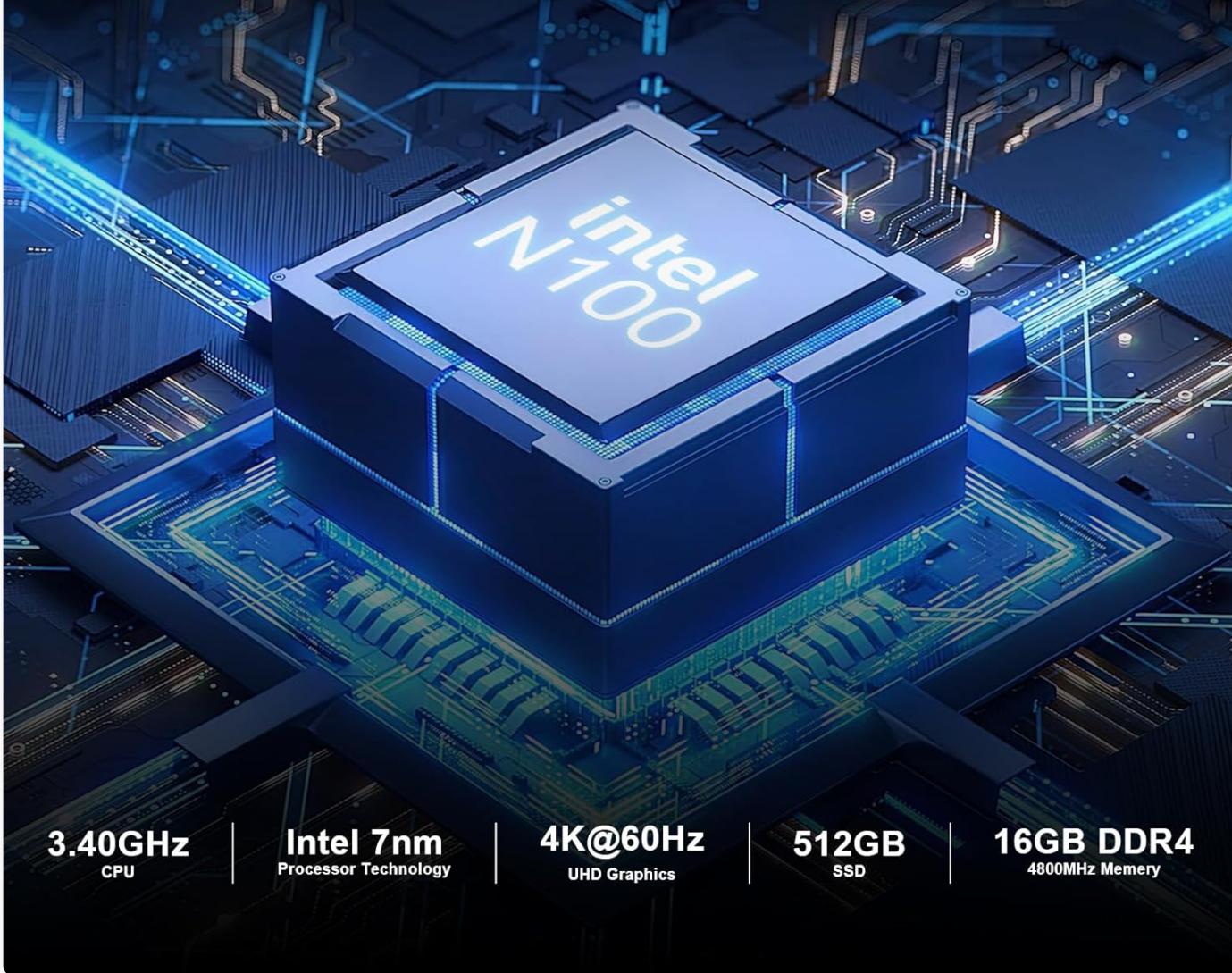
Image: A detailed diagram showcasing the Intel Gen12 N100 processor, emphasizing its quad-core architecture, 3.40GHz speed, Intel 7nm process, 4K@60Hz UHD Graphics, 512GB SSD, and 16GB DDR4 memory.
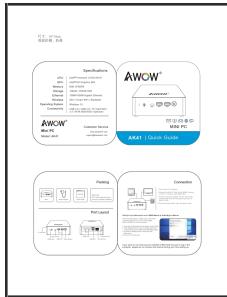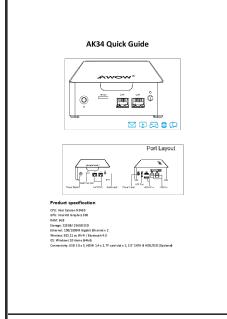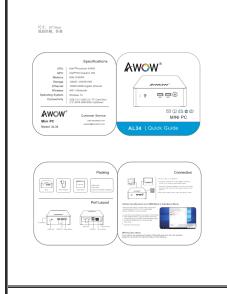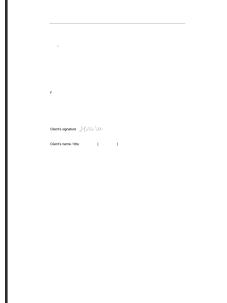
WARRANTY AND SUPPORT

AWOW provides comprehensive support for your Mini PC:

- **Warranty:** The AWOW Mini PC comes with a 2-year warranty.
- **Technical Support:** Lifetime technical support is available.
- **Customer Service:** Full 24/7 customer service is provided.

For assistance, please refer to the contact information provided on the AWOW official website or your purchase documentation.

Related Documents

	[AWOW AK41 Mini PC Quick Guide](#) A concise guide to the AWOW AK41 Mini PC, covering specifications, packing contents, port layout, and connection instructions.
	[AWOW AK34 Mini PC Quick Guide and Specifications](#) Comprehensive guide for the AWOW AK34 Mini PC, detailing specifications, port layout, and answers to common user questions regarding setup, connectivity, and troubleshooting.
	[AWOW AL34 Mini PC Quick Start Guide](#) A concise and informative guide for setting up and using the AWOW AL34 Mini PC. Covers specifications, packing contents, port layout, connection steps, audio configuration, offline account setup, and FCC compliance.
	[Aiwotai Technology Mini PC Model Differences - MK01, AK10 Series](#) Document detailing the model differences for Aiwotai Technology's Mini PC product line, including models MK01, MK02, MK03, AK10, AK11, AK12, AK13, AK15, and AK10 Pro. All models share the same circuit and RF module, with variations only in naming.