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› BMAX B7APro Mini PC User Manual - AMD Ryzen 5 7430U, Windows 11 Pro

BMAX B7APro

BMAX B7APro Mini PC User Manual

Model: B7APro

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your BMAX B7APro Mini PC. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.



Image: The BMAX B7APro Mini PC, showcasing its compact design and front ports.

PACKAGE CONTENTS

Verify that all items are present in the package:

- BMAX B7APro Mini PC Unit
- Power Adapter
- HDMI Cable
- VESA Mount
- User Manual / Warranty Card

幅広い用途に対応、自由自在な使い方



Image: Illustration of the BMAX B7APro Mini PC and its included accessories.

SETUP INSTRUCTIONS

1. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB ports (USB 3.2 Gen2 x2, USB 2.0 x2).
2. **Connect Display:** Connect your monitor(s) using the HDMI 2.1, DisplayPort 1.4, or the full-function Type-C port. The device supports up to three displays simultaneously.
3. **Connect to Network:** For wired internet, connect an Ethernet cable to the RJ45 LAN port. For wireless, the device supports Wi-Fi 6.
4. **Connect Power:** Plug the power adapter into the DC19V/3.42A port on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button located on the front of the device.

充実のインターフェースで高い拡張性



Image: Diagram illustrating the various ports on the BMAX B7APro Mini PC for connecting peripherals.

OPERATING INSTRUCTIONS

Power On/Off

- **To Power On:** Press the power button once.
- **To Shut Down:** Click the Start menu in Windows, then select Power > Shut down. Alternatively, press and hold the power button for 4 seconds to force a shutdown (use only when necessary).

Windows 11 Pro

Your BMAX B7APro Mini PC comes pre-installed with Windows 11 Pro (64-bit) and supports 13 languages. Follow the on-screen instructions for initial Windows setup.

Multi-Display Setup

The Mini PC supports up to three 4K@60Hz displays via HDMI 2.1, DisplayPort 1.4, and the full-function Type-C port. Connect

your monitors and configure display settings within Windows to extend or duplicate your desktop.

4K映像出力&3画面对应

高精細ビジュアル体験

広い作業スペースを確保し、マルチウィンドウ作業・動画鑑賞・資料作成も効率的にご自宅でも、オフィスでも、ワンランク上のマルチディスプレイ環境が手軽に構築可能です



HDMI 2.1 × 1
DP 1.4 × 1
フル機能Type-C × 1

Image: A BMAX B7APro Mini PC setup demonstrating multi-monitor capabilities for enhanced productivity.

Connectivity

- **Wi-Fi 6 (802.11ax):** Provides high-speed, low-latency wireless connectivity for streaming, online meetings, and large file transfers.
- **Bluetooth 5.2:** For stable connections with wireless peripherals such as keyboards, mice, and speakers.
- **RJ45 Gigabit Ethernet:** For reliable wired network connections.

MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure that the ventilation openings are not obstructed to prevent overheating. The device features a dual copper pipe heat pipe and smart fan for efficient cooling.
- **Software Updates:** Keep your operating system and drivers updated to ensure optimal performance and security.

静音スマート冷却 &
デュアル銅管ヒートパイプ
高負荷作業でも安定

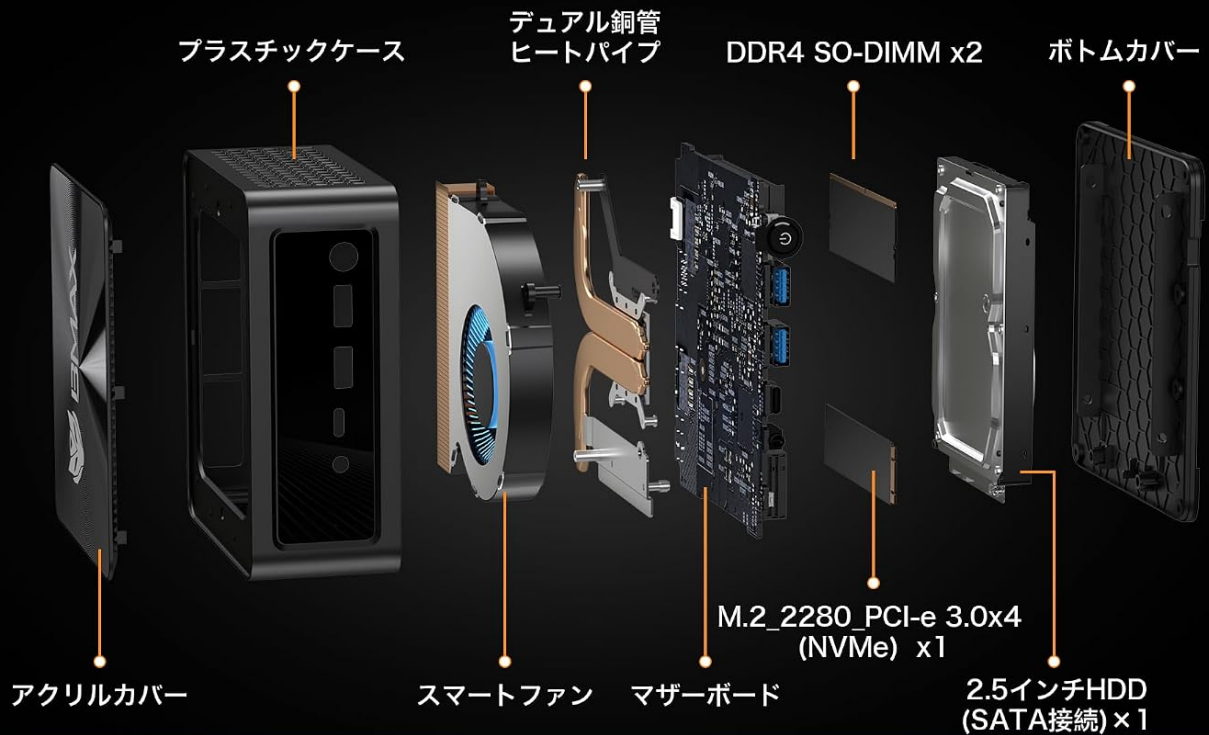


Image: Exploded view of the BMAX B7APro Mini PC, highlighting the dual copper pipe heat pipe and smart fan cooling system.

TROUBLESHOOTING

Smart Recovery Function

The BMAX B7APro includes a Smart Recovery function to restore the system to its factory default state in case of software issues or for a clean reset.

1. Power on the Mini PC.
2. Repeatedly press the **F9** key immediately after powering on until the dedicated recovery screen appears.
3. Select "Factory Reset" and follow the on-screen prompts to restore the system.



Image: Screenshot of the Smart Recovery interface, showing options for factory reset.

General Issues

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- **No Display:** Check all display cable connections. Ensure the monitor is powered on and set to the correct input source. Try a different display port or cable.
- **Slow Performance:** Close unnecessary applications. Check for background processes. Ensure sufficient free storage space. Consider upgrading RAM if frequently running memory-intensive tasks (supports up to 64GB DDR4).

SPECIFICATIONS

Brand	BMAX
Model	B7APro
CPU	AMD Ryzen 5 7430U (6 Cores, 12 Threads, up to 4.3GHz)
GPU	AMD Radeon Graphics
RAM	16GB DDR4 (Expandable up to 64GB)
Storage	512GB NVMe SSD (M.2 PCIe 3.0x4) + 2.5-inch HDD bay (up to 2TB)
Operating System	Windows 11 Pro (64-bit)
Connectivity	Wi-Fi 6, Bluetooth 5.2, RJ45 Gigabit Ethernet
Ports	USB 3.2 Gen2 x2, USB 2.0 x2, HDMI 2.1, DisplayPort 1.4, Full-function Type-C, 3.5mm Audio Jack, DC Power Input
Video Output	4K@60Hz (HDMI, DP, Type-C), Triple Display Support
Dimensions	126 x 112 x 52 mm
Weight	410 g

WARRANTY AND SUPPORT

The BMAX B7APro Mini PC is PSE certified, ensuring product safety. BMAX provides domestic support for any issues you may encounter.

- **Warranty:** Please refer to the included warranty card for specific terms and conditions.
- **Technical Support:** For technical assistance, please contact BMAX customer support through the official channels provided with your product or on the BMAX website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question