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› **ACEMAGIC AX16 Pro 16.1-inch Laptop User Manual - AMD Ryzen 7 5700U, 16GB RAM, 512GB SSD**

ACEMAGIC AX16 Pro

ACEMAGIC AX16 Pro 16.1-inch Laptop User Manual

Model: AX16 Pro

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ACEMAGIC AX16 Pro laptop. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

Image: Front view of the ACEMAGIC AX16 Pro laptop.

2. PRODUCT OVERVIEW

The ACEMAGIC AX16 Pro is a high-performance 16.1-inch laptop designed for various computing tasks, from daily productivity to entertainment. It features an AMD Ryzen 7 5700U processor, ample memory and storage, and advanced connectivity options.

Key Features:

- **Processor:** AMD Ryzen 7 5700U (8 Cores, 16 Threads, up to 4.3GHz)
- **Display:** 16.1-inch FHD (1920x1080) IPS Display
- **Memory:** 16GB DDR4 RAM
- **Storage:** 512GB NVMe SSD
- **Operating System:** Windows 11
- **Wireless Connectivity:** WiFi 6, Bluetooth 5.2
- **Ports:** HDMI, Type-C (Full Function & DC Jack), USB 3.2, USB 2.0, 3.5mm Audio Jack, TF Card Slot
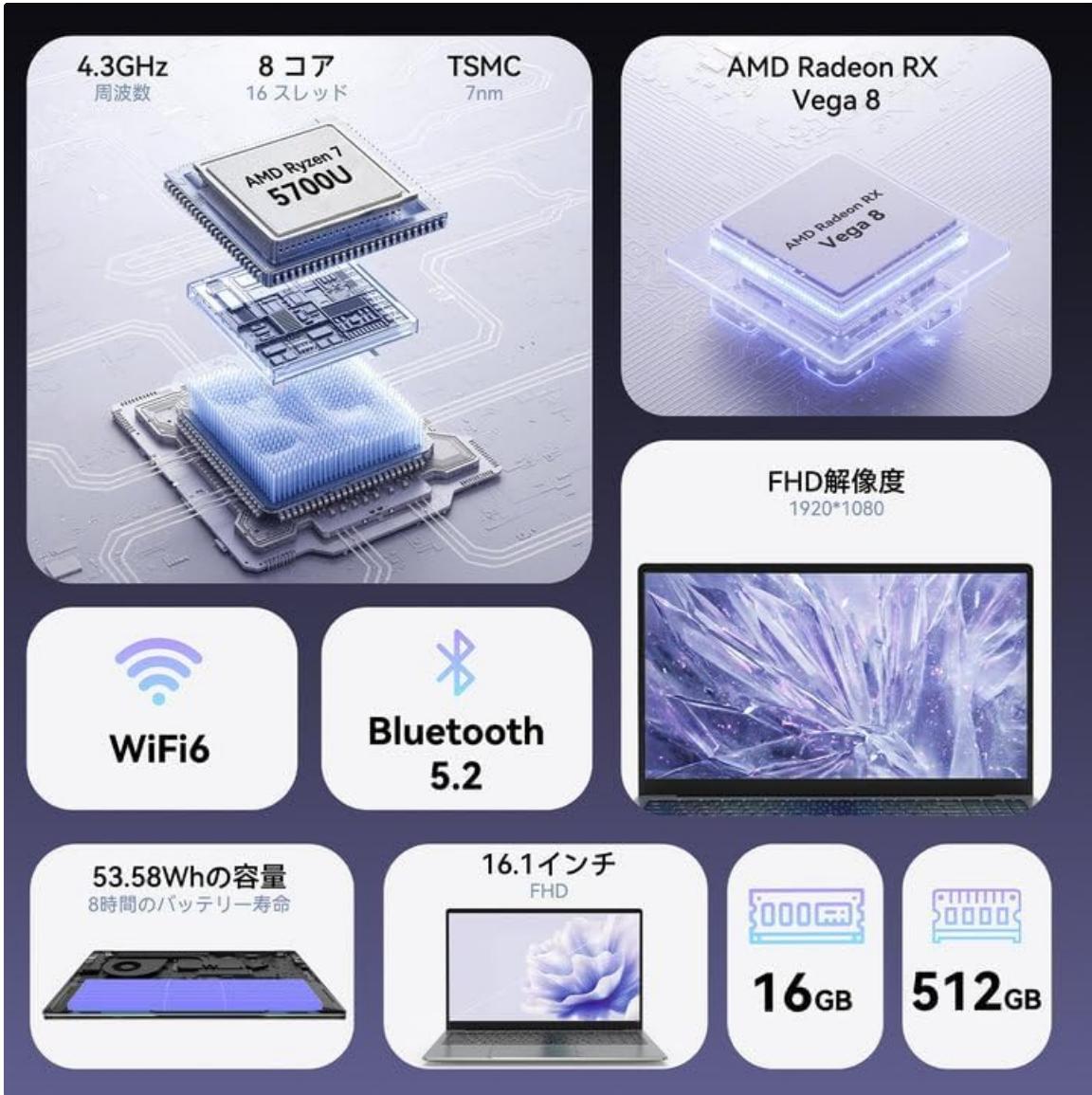
Image: Visual summary of the laptop's core specifications including CPU, GPU, RAM, SSD, display, and connectivity.

3. SETUP

Initial Power-On and Windows Setup:

1. **Charge the Laptop:** Before first use, connect the laptop to a power outlet using the provided original AC adapter. Ensure the battery is sufficiently charged.
2. **Power On:** Open the laptop lid and press the power button.
3. **Follow On-Screen Instructions:** The laptop will guide you through the Windows 11 initial setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.
4. **Important:** Ensure a stable internet connection during the setup process. Do not power off or restart

the laptop until the setup is complete to avoid system corruption.

Connecting Peripherals:

- **USB Devices:** Connect USB mice, keyboards, or external drives to the available USB 3.2 or USB 2.0 ports.
- **External Display:** Use the HDMI port to connect an external monitor or projector.
- **Audio Devices:** Plug headphones or external speakers into the 3.5mm audio jack.
- **Memory Cards:** Insert TF cards into the designated slot for data transfer.

フル機能の Type-C
豊富なインターフェースのサポート

寸法：37*23*1.8cm
重量：1.69kg

3.5mm
イヤホンジャック

USB3.2

USB3.0

TFカードソケット

Type-C
DCジャック

USB3.2
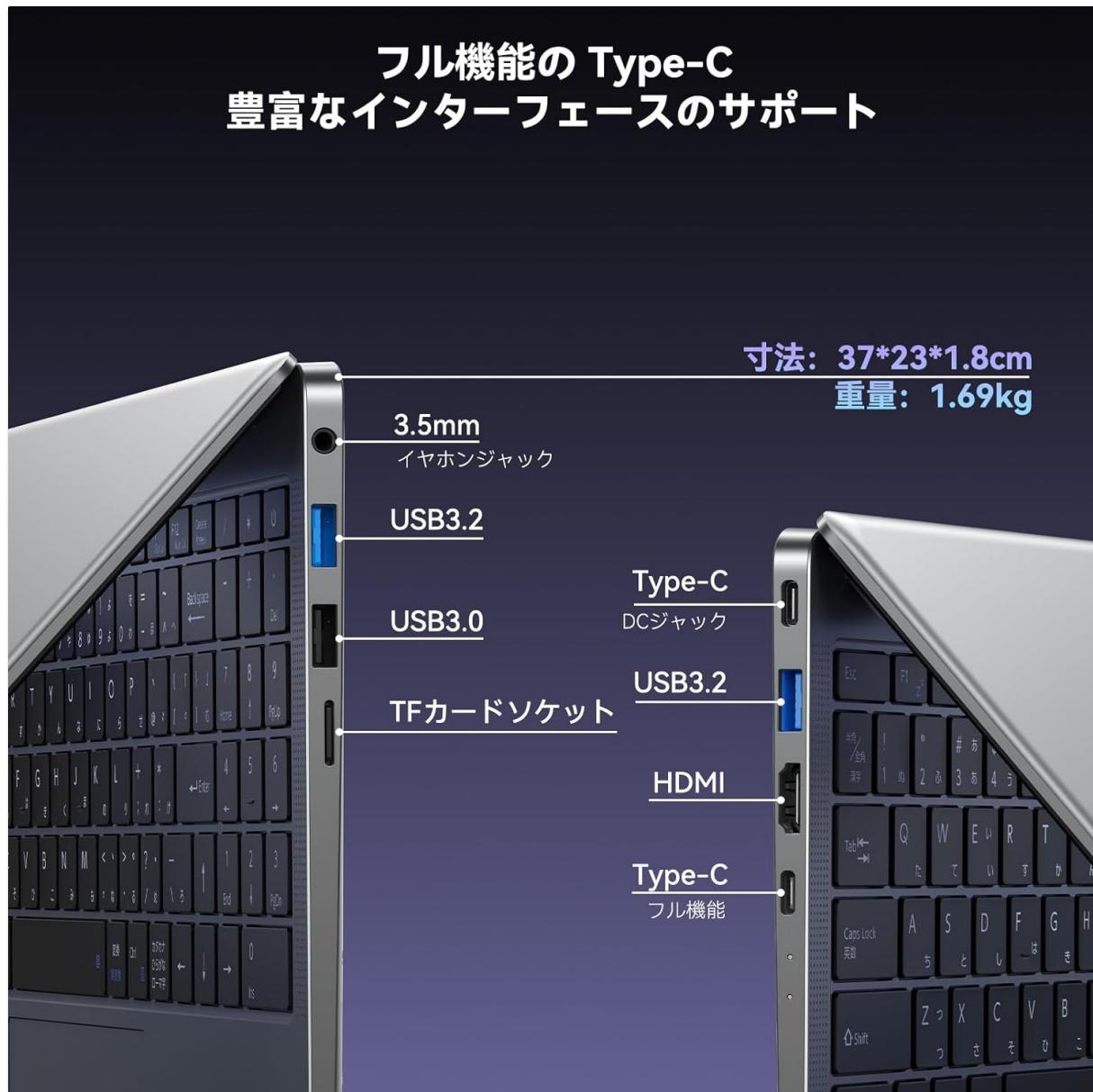
HDMI

Type-C
フル機能

Image: Detailed view of the laptop's various input/output ports, including USB, HDMI, Type-C, and audio jack.

4. Operating Instructions

Display and Visuals:

The 16.1-inch Full HD (1920x1080) IPS display offers clear and vibrant visuals. Adjust brightness and display settings through Windows settings for optimal viewing comfort.
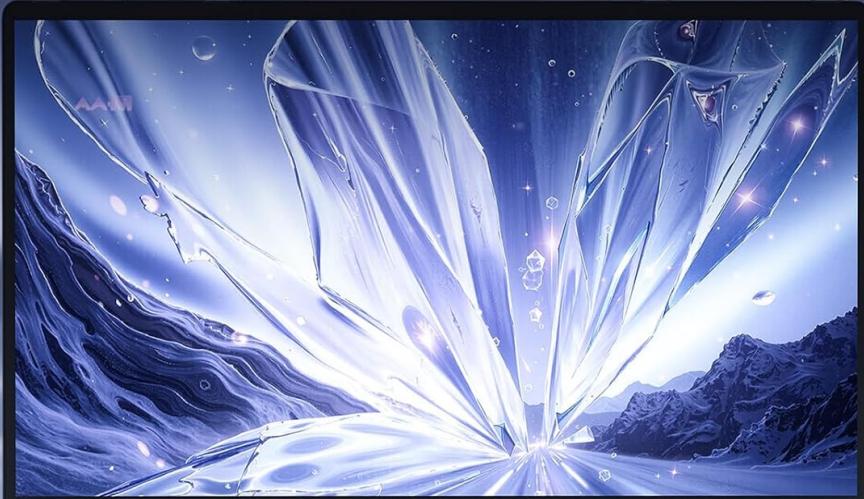
Image: Close-up of the laptop's 16.1-inch FHD 1080P screen, highlighting its resolution and IPS technology.

Keyboard and Touchpad:

The laptop features a comfortable keyboard and a large touchpad for precise navigation. An included Japanese keyboard cover can be placed over the English layout for localized input.

Image: Diagram illustrating the keyboard layout and touchpad area, with a focus on ease of input.

Wireless Connectivity:

Utilize WiFi 6 for high-speed internet access and Bluetooth 5.2 for connecting wireless peripherals like headphones or speakers. These technologies provide stable and efficient wireless communication.
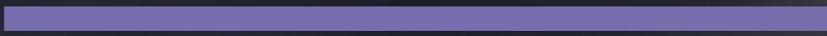
Image: Icons representing WiFi 6 and Bluetooth 5.2, indicating advanced wireless capabilities.

Audio System:

The laptop features a dual-speaker sound system designed to deliver clear and immersive audio for an enhanced user experience.

Image: Laptop displaying a concert scene, with visual cues indicating high-quality, immersive sound from dual speakers.

5. MAINTENANCE

Cleaning:

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water or a screen-safe cleaner.
- Avoid harsh chemicals or abrasive materials.

Battery Care:

The laptop is equipped with a 53.58Wh battery, providing extended usage time. To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- Do not expose the laptop to extreme temperatures.
- If storing the laptop for a long period, charge it to about 50-60% before turning it off.

Image: Laptop in use on a desk, with icons indicating 4700mAh, 53.58Wh capacity, and 8 hours of battery life.

Cooling System:

The laptop features a high-speed, quiet cooling fan to maintain optimal operating temperatures and prevent performance throttling. Ensure the vents are not obstructed to allow proper airflow.

静か・効率的な冷却ファンを搭載

低騒音放熱ファンを搭載しているので、高回転ファンの羽根により、熱を素早く放散することができ、ノートパソコン本体の長時間の安定運転が保証できる。そして騒音が低いなどの特徴もあり、快適な使用環境をもたらす。

高速放熱性

冷却性

低騒音

多風道デザイン

高回転羽根 放熱高速

ダブル放熱銅管を搭載
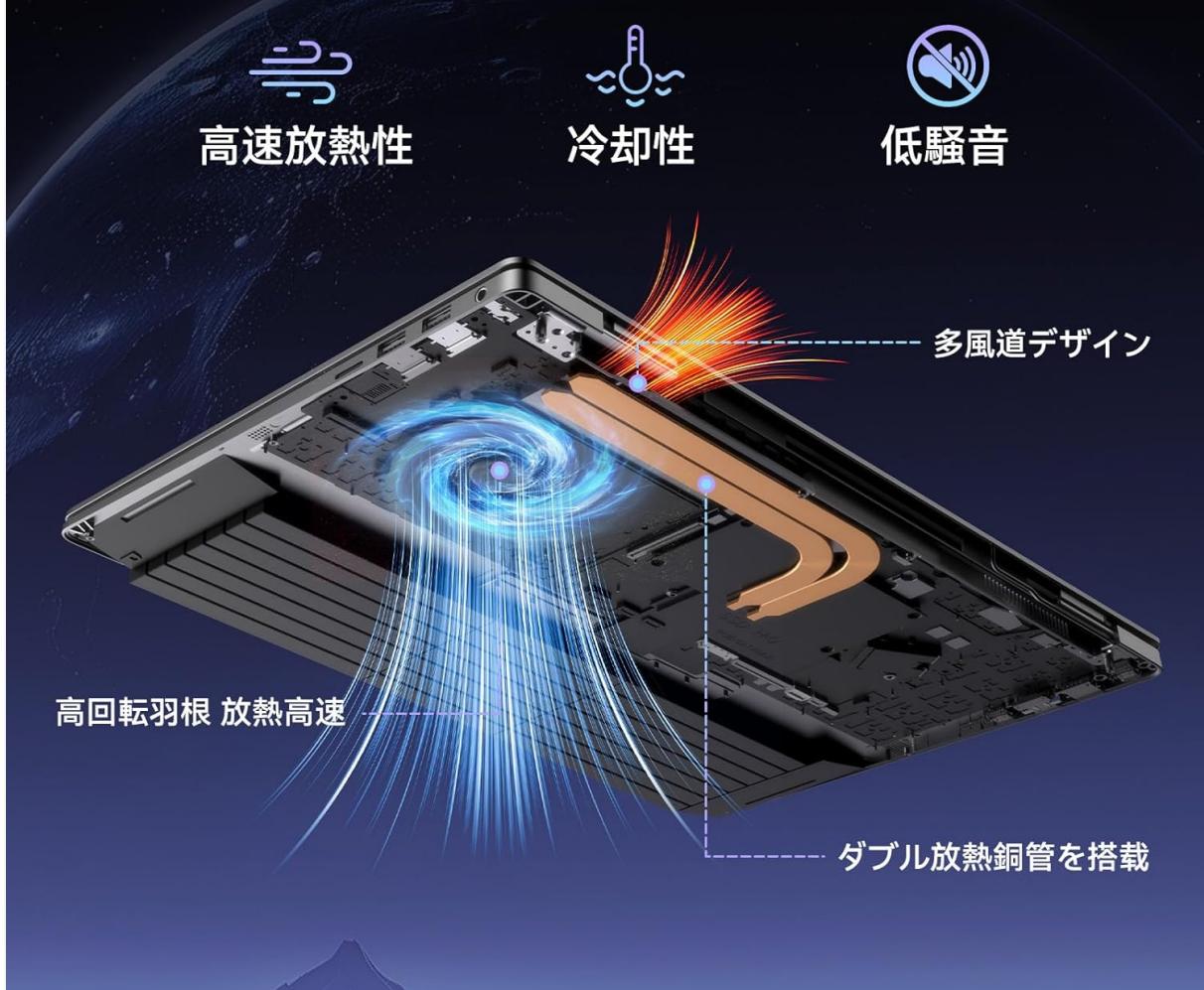
Image: Diagram illustrating the laptop's internal cooling system with a high-speed fan and dual heat pipes for efficient heat dissipation.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Laptop does not power on:** Ensure the AC adapter is securely connected and the power outlet is functional. Check if the battery has sufficient charge.
- **Screen is blank:** Connect an external monitor to check if the display output is working. Adjust screen brightness.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Check for updated network drivers.
- **Slow performance:** Close unnecessary applications. Check for background processes consuming high resources. Ensure sufficient free storage space.
- **Overheating:** Ensure cooling vents are clear of obstructions. Use the laptop on a hard, flat surface.

If you encounter persistent issues not resolved by these steps, please refer to the Warranty and Support section for assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	ACEMAGIC
Model Name	AX16 Pro (NoteBook)
Color	Gray
Form Factor	Laptop
Screen Size	16.1 inches
Resolution	1920x1080 Pixels (FHD)
CPU Brand	AMD
CPU Type	AMD Ryzen 7 5700U
CPU Speed	1.8 GHz (Base), up to 4.3 GHz (Turbo)
Processor Count	8
RAM Size	16 GB
RAM Type	DDR4 SO-DIMM
Max Memory Supported	64 GB
Hard Disk Size	512 GB
Hard Disk Type	SSD
Graphics Coprocessor	AMD Radeon RX Vega 8
Graphics Card Type	Integrated
Wireless Type	Bluetooth, Wi-Fi (802.11ax / WiFi 6)
USB 2.0 Ports	1
USB 3.0 Ports	2
HDMI Ports	1
Front Webcam Resolution	1 MP
Operating System	Windows 11
Item Weight	2.87 Kilograms

8. WARRANTY AND SUPPORT

Manufacturer Warranty:

Your ACEMAGIC AX16 Pro laptop comes with an 18-month manufacturer warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Contacting Support:

For any product defects, malfunctions, or technical assistance during the warranty period, please contact ACEMAGIC customer support. You can typically find contact information through your purchase platform or the official ACEMAGIC website. When contacting support, please provide your purchase details and a clear description of the issue.

For Amazon purchases, navigate to 'Your Account' → 'Order History' → 'Sold by' → 'Ask a question'. Support aims to respond within 24 hours.