ACEMAGIC AX16PRO

ACEMAGIC AX16PRO Gaming Laptop User Manual
Model: AX16PRO

1. PRODUCT OVERVIEW

The ACEMAGIC AX16PRO is a high-performance gaming laptop designed for both productivity and entertainment. It features an AMD Ryzen 7 5825U processor, Radeon RX Vega 8 Graphics, a 16.1-inch Full HD display, 16GB DDR4 RAM, and a 512GB NVMe SSD. This manual will guide you through its features and functions.
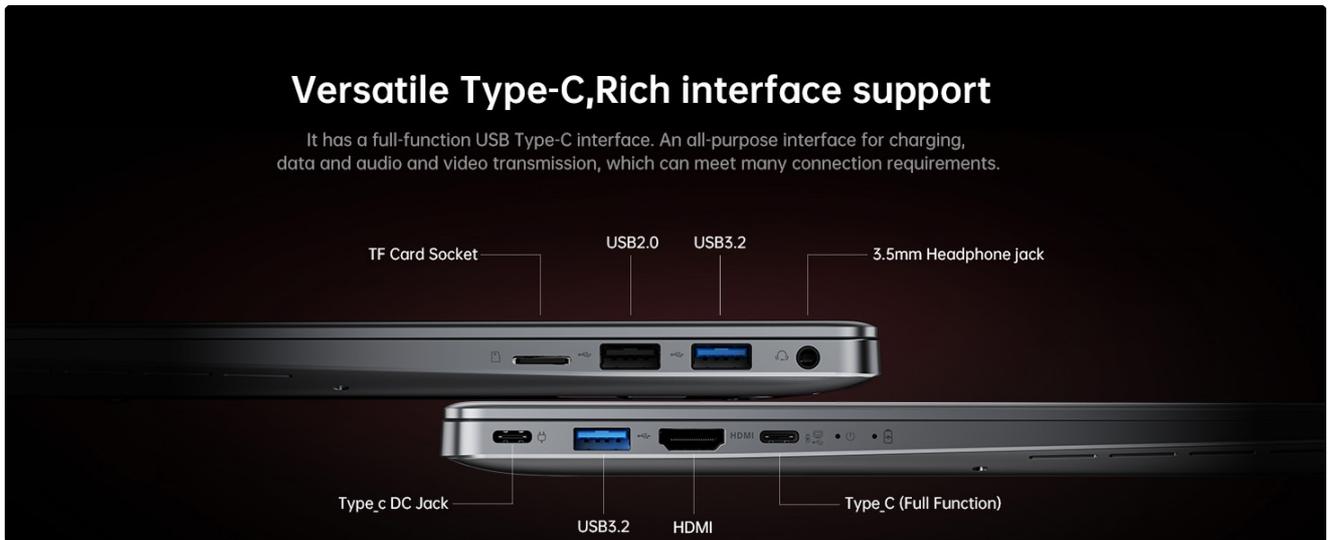

Image: The ACEMAGIC AX16PRO laptop in a gaming environment, highlighting its design for productivity and entertainment.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. The box should contain the laptop, an AC adapter, a battery, and documentation. Inspect the laptop for any physical damage before proceeding.

2.2 Connecting the Power Adapter

Connect the AC adapter to the laptop's DC-in port and then plug it into a power outlet. It is recommended to fully charge the laptop before its first use.

2.3 First Power On

Press the power button located on the keyboard to turn on the laptop. Follow the on-screen instructions to complete the initial Windows 11 setup, including language selection, network connection, and user account creation.

3. OPERATING INSTRUCTIONS

3.1 Keyboard and Touchpad

The laptop features a full-sized backlit keyboard and a large, responsive PTP touchpad. To toggle the keyboard backlight, press the **Fn** + **Spacebar** keys simultaneously.

Image: Close-up view of the ACEMAGIC AX16PRO's backlit keyboard and large touchpad, illustrating the Fn+Spacebar shortcut for backlight control.

3.2 Display

The 16.1-inch Full HD (1920x1080) IPS anti-glare display provides clear visuals and reduces eye strain. Adjust brightness settings through Windows display options.
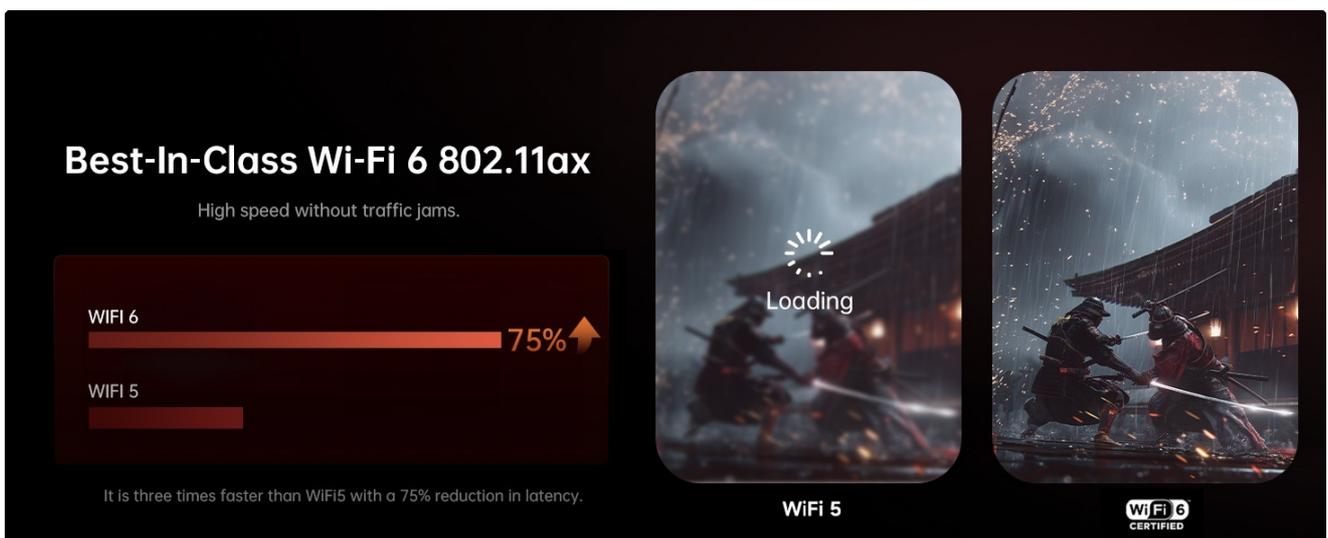

Image: The laptop display showcasing a vibrant image, emphasizing its Full HD resolution and IPS technology for wide viewing angles.

3.3 Connectivity

The laptop supports Wi-Fi 6 (802.11ax) for fast wireless internet and Bluetooth 5.2 for connecting wireless peripherals.

Image: Visual representation of the laptop's Wi-Fi 6 and Bluetooth 5.2 capabilities, indicating advanced wireless connectivity.

3.4 Ports and Interfaces

The AX16PRO is equipped with various ports for versatile connectivity:

- **Left Side:** 3.5mm Headphone Jack, USB 3.2, USB 2.0, TF Card Socket.
- **Right Side:** Type-C DC Jack, USB 3.2, HDMI, Type-C (Full Function).

Image: Diagram illustrating the location and types of ports available on the ACEMAGIC AX16PRO laptop, including USB, HDMI, and Type-C.

3.5 Audio

Experience immersive sound with the built-in dual stereo speakers, providing a three-dimensional soundstage for your content.

Image: An internal view highlighting the dual-speaker system of the ACEMAGIC AX16PRO, designed for enhanced audio output.

4. MAINTENANCE

4.1 Battery Care

The laptop is equipped with a 53.58Wh battery, offering approximately 8 hours of usage. To prolong battery life, avoid extreme temperatures and fully discharge and recharge the battery periodically.

Image: A user operating the ACEMAGIC AX16PRO laptop, with an overlay indicating its 53.58Wh battery capacity and 8-hour battery life.

4.2 Cleaning

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

4.3 Cooling System

The AX16PRO features an advanced cooling system with dual copper pipes and a dedicated fan. Ensure the vents are

clear of obstructions to maintain optimal temperature and performance.

Image: A cutaway diagram illustrating the active cooling system of the ACEMAGIC AX16PRO, showing the fan and heat pipes.

5. TROUBLESHOOTING

5.1 Laptop Does Not Power On

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- Allow the laptop to charge for at least 30 minutes before attempting to power it on again.

5.2 Screen Remains Black After Power On

- Connect an external monitor via the HDMI port to check if the display output is working.
- Perform a hard reset by holding the power button for 15 seconds, then release and press again to restart.
- Ensure the keyboard backlight is not mistaken for the screen being on.

5.3 Slow Performance

- Close unnecessary applications running in the background.
- Check for available Windows updates and install them.
- Ensure the cooling vents are not blocked to prevent thermal throttling.
- Run a disk cleanup and defragmentation (for HDD, not typically needed for SSD).

6. SPECIFICATIONS

Feature	Specification
Model Name	AX16PRO

Feature	Specification
Processor	AMD Ryzen 7 5825U (up to 4.3 GHz)
Graphics	AMD Radeon RX Vega 8 (Integrated)
Display	16.1-inch FHD (1920x1080) IPS Anti-glare
RAM	16GB DDR4
Storage	512GB NVMe SSD
Operating System	Windows 11
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ports	USB 3.2, USB 2.0, HDMI, Type-C (Full Function), 3.5mm Headphone Jack, TF Card Socket, Type-C DC Jack
Battery	53.58Wh (approx. 8 hours life)
Weight	3.74 pounds
Dimensions (LxWxH)	14.25 x 9.9 x 0.7 inches

7. WARRANTY INFORMATION

ACEMAGIC provides maintenance points for exchange or repair of your ACEMAGIC Laptop during the warranty period. Please refer to your purchase documentation or contact customer support for specific warranty terms and conditions.

8. CUSTOMER SUPPORT

For technical assistance, warranty claims, or general inquiries, please use the following contact methods:

- **Email:** service@acemagic.com
- **Phone (US):** +1 833 988 3568 (Mon-Fri 9am-5pm EST)
- **Online Support:** You can also ask product questions through your Amazon account by navigating to 'Your Orders' and selecting 'Ask Product Question' for this item.

Image: Contact details for ACEMAGIC customer support, including email, phone number, and instructions for Amazon-based inquiries.