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> ACEMAGIC RX16 Gaming Laptop User Manual - Ryzen 7 H255, 16GB RAM, 512GB SSD

ACEMAGIC R7 H255

ACEMAGIC RX16 Gaming Laptop User Manual

Model: R7 H255

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ACEMAGIC RX16 Gaming Laptop. Please read this guide thoroughly to ensure proper use and to maximize your device's performance and longevity.

1. SETUP

1.1 Unpacking and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Inspect for any signs of damage. The box should contain the laptop, power adapter, and documentation.

1.2 Connecting the Power Adapter

Connect the power adapter to the laptop's DC power jack or one of the USB-C ports that supports charging. Plug the other end into a power outlet. It is recommended to fully charge the battery before first use.

1.3 First Power On

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the initial setup of the Windows 11 Pro operating system.

1.4 Keyboard Backlight Activation

To activate or adjust the keyboard backlight, simultaneously press the **Fn** key and the **Spacebar**.

2. OPERATING INSTRUCTIONS

2.1 General Usage

The ACEMAGIC RX16 is designed for high-performance tasks, including gaming, video editing, and demanding applications. Its AMD Ryzen 7 H255 processor and 16GB DDR5 RAM ensure smooth multitasking and rapid processing.



Image: AMD Ryzen 7 H255 processor details, highlighting performance gains in video decoding, file compression, and 3D rendering.

2.2 Display and Visuals

The 16-inch FHD (1920x1200P) IPS display offers clear, vibrant visuals with wide viewing angles. It is suitable for both productivity and immersive entertainment.



Image: Captivating visuals on the 16-inch display, showcasing FHD resolution, eye protection, bright view, and IPS technology.

2.3 Connectivity

The laptop features advanced connectivity options:

- **Wireless:** WiFi 6 (802.11ax) for high-speed internet and Bluetooth 5.2 for peripheral connections.
- **Ports:** Two full-function USB-C ports (data, charging, video), two USB 3.2 ports, one USB 2.0 port, an HDMI port, a TF card socket, and a 3.5mm headphone jack.

Multitarea rápida

Disfrute de un rendimiento rápido y constante con 2*16 GB DDR5 SO-DIMM y 2* 512 GB M.2 NVME 2280 PCIe3.0 SSD, que ofrecen excelentes velocidades de lectura/escritura para inicios más rápidos, transferencias de archivos y una mejor capacidad de respuesta del sistema.

**DDR5
PCIe3.0 SSD**



Combinación de oro en rendimiento: potente, ultrarrápido, lectura/escritura con tecnología Lightning, mayor rendimiento y menor consumo de energía.

RX16 DDR5

4800MHz

Datos en ejecución

87% ↑

Other DDR4

3200MHz



Image: Wide interface compatibility, showing the arrangement of ports on both sides of the laptop.

2.4 Audio

Experience exceptional sound quality with integrated stereo speakers and a digital microphone for clear communication.

Diseño plano de 180°

Diseño completamente plano para ángulos de visión versátiles para trabajar en colaboración y compartir.



Image: Exceptional immersive sound quality, featuring stereo system and digital microphone.

2.5 Battery Life

The laptop's battery provides up to 8 hours of usage, allowing for extended productivity and entertainment on the go.



Image: Battery details, emphasizing long-lasting power with a 4400mAh capacity.

3. MAINTENANCE

3.1 Cleaning

Regularly clean the screen with a soft, lint-free cloth and a specialized screen cleaner. Use a soft brush or compressed air to remove dust from the keyboard and vents. Avoid using harsh chemicals.

3.2 Cooling System

The laptop features an advanced cooling system with dual fans and copper heat pipes to maintain optimal temperatures during intensive use. Ensure the vents are not obstructed to allow for proper airflow.



Image: Superior cooling system with dual fans and copper pipes for efficient heat dissipation.

3.3 Storage and RAM Expansion

The laptop's 512GB M.2 NVMe PCIe 3.0 SSD can be expanded up to 4TB. The 16GB DDR5 RAM (4800 MHz) can be expanded up to 64GB. Consult a qualified technician for upgrades to avoid voiding your warranty.

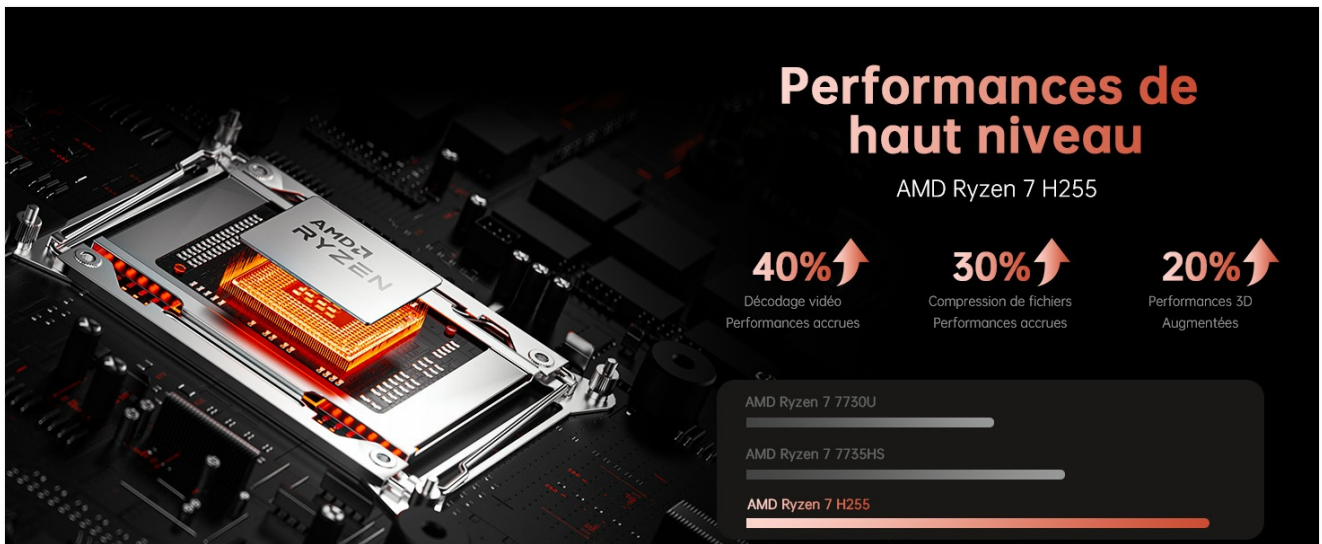


Image: Fast multitasking capabilities with DDR5 RAM and PCIe 3.0 SSD for quick data access.

4. TROUBLESHOOTING

4.1 Common Issues and Solutions

- **No Power:** Ensure the power adapter is securely connected to both the laptop and the power outlet. Check if the power outlet is functional.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Ensure display drivers are up to date.
- **Slow Performance:** Close unnecessary applications. Check for background processes consuming high resources. Ensure sufficient free storage space.
- **Connectivity Problems:** For Wi-Fi, restart your router and the laptop. For Bluetooth, ensure the device is discoverable and within range.
- **Keyboard Backlight Not Working:** Ensure you are pressing **Fn + Spacebar** correctly. Check keyboard settings in Windows.

4.2 Contacting Support

If you encounter issues that cannot be resolved with the above steps, please refer to the Warranty and Support section for contact information.

5. SPECIFICATIONS

Feature	Detail
Model Name	RX16
Model Number	R7 H255
Processor	AMD Ryzen 7 H255 (up to 4.9 GHz), 8 Cores
Graphics	Integrated AMD Radeon 680M
RAM	16GB DDR5 (4800 MHz), expandable up to 64GB
Storage	512GB M.2 NVMe PCIe 3.0 SSD, expandable up to 4TB

Feature	Detail
Display	16-inch FHD (1920 x 1200P) IPS
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ports	2x USB-C (Full Function), 2x USB 3.2, 1x USB 2.0, 1x HDMI, 1x TF Card Socket, 1x 3.5mm Headphone Jack
Battery	Lithium Polymer, 3 cells, up to 8 hours life
Keyboard	Backlit QWERTY
Webcam	Yes
Audio	Integrated Stereo Speakers, Integrated Digital Microphone
Dimensions (L x W x H)	35 x 24 x 1.9 cm
Weight	Approximately 1.6 kg
Included in Box	Power Adapter, Documentation

6. WARRANTY AND SUPPORT

6.1 Warranty Information

Your ACEMAGIC RX16 Gaming Laptop comes with a **12-month limited warranty**. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The availability of spare parts in the EU is guaranteed for 2 years.

6.2 Technical Support

ACEMAGIC provides **lifetime technical support** for your product. For assistance, please contact our customer service team:

- **Email:** service@acemagic.com
- **Online Support:** Available 24/7 via Amazon's customer service portal.
- **Offline Maintenance:** We provide maintenance points for repairs or replacements during the warranty period.

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Elija un portátil profesional, elija ACEMAGIC



24 Horas

7D+24 Horas
Atención al Cliente



12 Meses

12 Meses de Garantía



Amazon

Cumplimiento
por Amazon



Soporte

Soporte técnico
de por vida

Image: ACEMAGIC professional support services, including 24/7 customer attention, 12-month warranty, Amazon fulfillment, and lifetime technical support.