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Thunderobot ZERO 18 Pro

Thunderobot Zero 18 Pro Gaming Laptop User Manual

Model: ZERO 18 Pro

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Thunderobot Zero 18 Pro Gaming Laptop. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- THUNDEROBOT Zero 18 Laptop
- Power Adapter
- Documentation (this manual)

2.2 Connecting the Power Adapter

Connect the power adapter to the laptop's power input port and then plug it into a wall outlet. It is recommended to fully charge the battery before initial use.

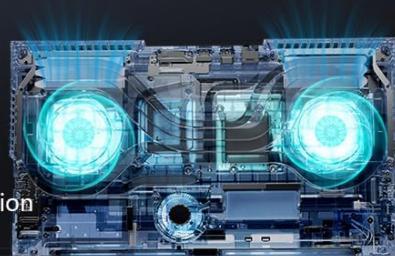


Phase change thermal conductivity

8.5W/high efficiency heat conduction, no pumping out, no offset, more durable.

3*Night Owl Fan

12V high-voltage main fan, 19cm ultra-high air volume, increased D-side air intake, and 40% increase in air volume.



Ultra-thin fin set

335 pieces of 0.075mm ultra-thin copper sheets, 256,000 square millimeters in total area.

Image: Rear view of the Thunderobot Zero 18 Pro laptop showing the power input port and other connections.

2.3 Initial Boot-up and Windows Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, language, connecting to a network, and creating a user account.

3. OPERATING INSTRUCTIONS

3.1 Keyboard and Touchpad

The laptop features a full-featured backlit keyboard with a numeric pad and a responsive touchpad. Refer to the image below for key layout and special function keys.

18" Bionic Hummingbird Eye-Care Display

240Hz Refresh Rate & 2560*1600 Resolution



AG+LR

Anti-vertigo + anti-reflection

DC Dimming

Eye protection without flickering

Calibration

Professional color calibration

90.6%

Screen to body ratio

2.5K

Ultra high resolution

240Hz

Ultra-high refresh rate

4ms

Rapid response time

DCI-P3

Ultra-wide color gamut

500nits

High brightness

1800:1CR

High natural contrast

190:1

Ambient light contrast

2.9%

Reflectivity

Image: Close-up of the Thunderobot Zero 18 Pro's per-key RGB backlit keyboard and touchpad.

Function Keys: Use the **Fn** key in combination with the F1-F12 keys for various functions such as adjusting brightness, volume, and toggling Wi-Fi.

3.2 Display Features

Your laptop is equipped with an 18-inch QHD+ 2.5K Eye-Care display with a 240Hz refresh rate. This display offers anti-glare, anti-reflection, and blue-light reduction features for extended viewing comfort.

Explore Design Language

Brand-new design language, the whole machine uses RGB "Spectra" lighting system, A-side metal anodizing process, and nano-indentation process.

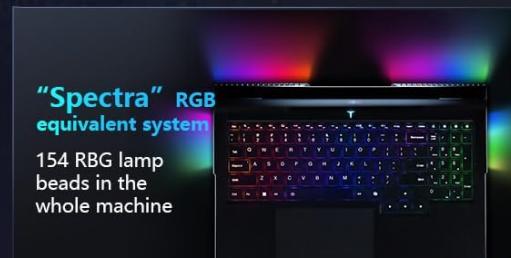


Image: The Thunderobot Zero 18 Pro laptop display showcasing its vibrant QHD+ resolution and narrow bezels.

3.3 Connectivity Ports

The laptop provides a range of ports for connecting peripherals and external devices:

- 3x SuperSpeed USB-A ports
- 2x USB-C ports (including Thunderbolt 5)
- HDMI port
- RJ-45 Ethernet port
- Audio jack

Fast Response, Smooth Gaming

Anti-fingerprint surface, comfortable hand feel, smooth gaming

16.8 million colors

Per-Key RGB Backlit Keyboard

Independent numeric keypad

Complete function key design

Performance mode

Shortcut key



Hint: Cooling mode must be exited before using the first three keys to switch modes.

Image: Side view of the Thunderobot Zero 18 Pro laptop highlighting the various connectivity ports.

3.4 AI Intelligent Control Center

Utilize the pre-installed AI Intelligent Control Center software to manage performance modes, RGB lighting, and monitor system status. System mode switching requires the device to be connected to a power source.

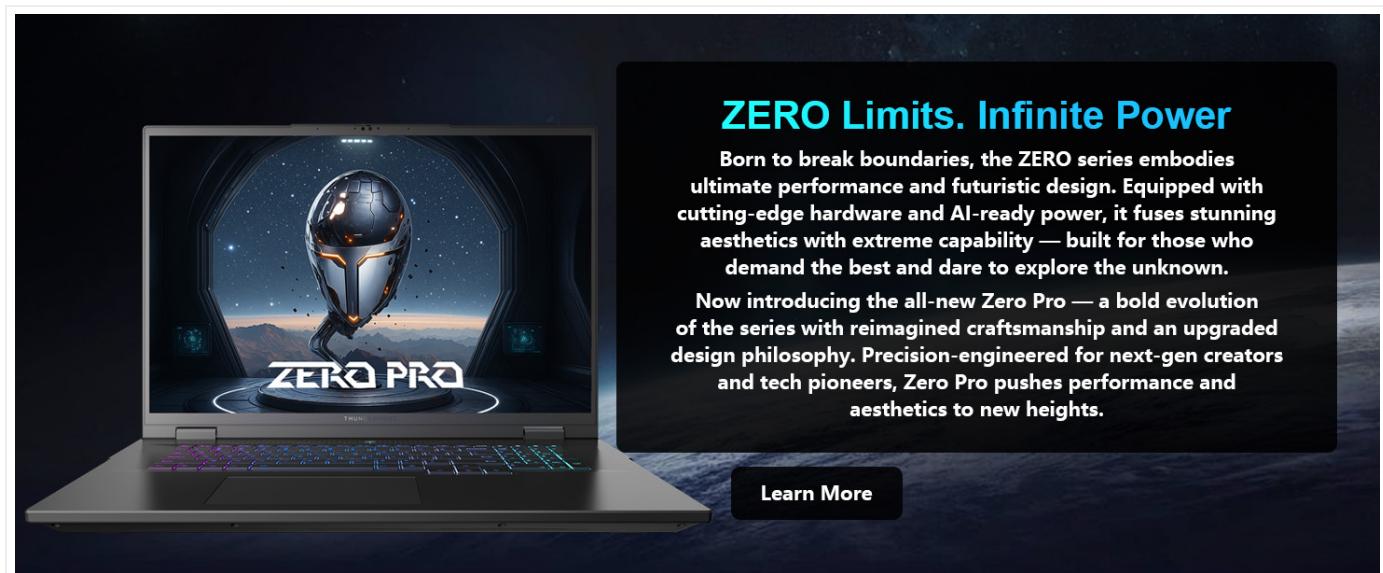


Image: Screenshot of the AI Intelligent Control Center software interface, showing options for performance tuning, intelligent light adjustment, and comprehensive system adjustments.

4. MAINTENANCE

4.1 Cleaning the Laptop

Regularly clean the screen with a soft, lint-free cloth and a screen-safe cleaning solution. Use a soft brush or compressed air to remove dust from the keyboard and ventilation grilles. Avoid using harsh chemicals or abrasive materials.

4.2 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Store the laptop in a cool, dry place when not in use for extended periods. The laptop supports 100W PD charging.

4.3 Software Updates

Keep your operating system and drivers updated to ensure optimal performance and security. Check the Thunderobot official website for the latest driver updates for your specific model.

5. TROUBLESHOOTING

5.1 Laptop Does Not Power On

- Ensure the power adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for at least 30 minutes before attempting to power on.

5.2 Display Issues

- If the screen is black, try adjusting the brightness using the function keys.
- Connect an external monitor to check if the issue is with the laptop's display or the graphics card.
- Update your graphics drivers via the AI Intelligent Control Center or Thunderobot's official website.

5.3 Performance Slowdown

- Check for background applications consuming high CPU or RAM resources using Task Manager.
- Ensure the laptop's cooling system is not obstructed and is functioning correctly. Use the AI Intelligent Control

Center to monitor temperatures and fan speeds.

- Run a disk cleanup and defragmentation (for HDDs) or TRIM (for SSDs) to optimize storage.

6. SPECIFICATIONS

Feature	Detail
Model Name	ZERO 18 Pro
Processor	Intel Core Ultra 9 275HX (24 Cores, up to 5.40GHz)
Graphics	GeForce RTX 5070 Ti (Dedicated)
RAM	32GB DDR5 (4800 MHz)
Storage	1TB PCIe M.2 SSD
Display	18-inch QHD+ (2560x1600) 240Hz Eye-Care Display
Operating System	Windows 11 Home
Wireless Connectivity	Wi-Fi 6E, Bluetooth
Ports	3x USB-A, 2x USB-C (Thunderbolt 5), HDMI, RJ-45, Audio Jack
Cooling System	270W Thermal System with 3x Night Owl fans, 7x heat pipes
Dimensions (LxWxH)	16.04 x 11.78 x 1.41 inches
Weight	15 pounds

7. WARRANTY AND SUPPORT

Every Thunderobot laptop includes a 12-month warranty, offering expert support, thorough diagnostics, and genuine parts if a repair is needed. A 90-day warranty is provided on all warranty replacement parts, ensuring hassle-free repairs. For technical assistance, warranty claims, or further information, please visit the official Thunderobot support website or contact their customer service. Upgrading RAM or adding a second SSD may void the warranty; please consult with customer service before making such modifications.



Image: Graphic detailing Thunderobot's warranty and support policy.

8. PRODUCT VIDEOS

8.1 THUNDEROBOT Gaming E-Sports Partner



Video: An overview of Thunderobot's involvement in e-sports and their commitment to gaming performance.

8.2 THUNDEROBOT Series Display



Video: A demonstration of the display features and visual quality of the Thunderobot Zero series laptops.

8.3 Thunderobot RGB lights



Video: A showcase of the customizable RGB lighting features on Thunderobot laptops, including keyboard and chassis lighting.



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