CENAVA W10Y

CENAVA W10Y Rugged Tablet User Manual

Model: W10Y

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your CENAVA W10Y Rugged Tablet. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Figure 1: CENAVA W10Y Rugged Tablet displaying Windows 11 Pro interface, accompanied by a stylus.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Rugged Tablet W10Y
- 1 x 12V-4A DC Power Adapter
- 1 x Four-point Strap & 4 x Screws
- 1 x Carrying handle
- 1 x Stylus

3. SETUP

3.1 Initial Charging

Before first use, connect the tablet to the provided 12V-4A DC Power Adapter and charge it fully. The charging port is a 12V-4A DC plug with an outer diameter of 3.5mm and an inner diameter of 1.35mm.

3.2 Powering On/Off

- **To Power On:** Press and hold the power button located on the side of the tablet until the screen illuminates.
- **To Power Off:** Access the Windows Start menu, select the power icon, and choose 'Shut down'. Alternatively, press and hold the power button and follow the on-screen prompts.

3.3 SIM Card Installation (Optional)

The tablet supports 4G LTE connectivity. To install a Micro SIM card:

1. Locate the Micro SIM card slot, typically protected by a sealed cover on the side of the tablet.
2. Carefully open the cover.
3. Insert the Micro SIM card into the designated slot with the gold contacts facing down, ensuring it clicks into place.
4. Close the protective cover securely to maintain IP68 water and dust resistance.

Figure 2: Connectivity features including 4G LTE, Wi-Fi, and Bluetooth, with a detailed view of the SIM card slot.

4. OPERATING INSTRUCTIONS

4.1 Performance and Software

The CENAVA W10Y is equipped with an Intel Core i5-10210Y CPU and Windows 11 Pro, along with 8GB RAM and 128GB storage. This configuration supports efficient operation of various applications.
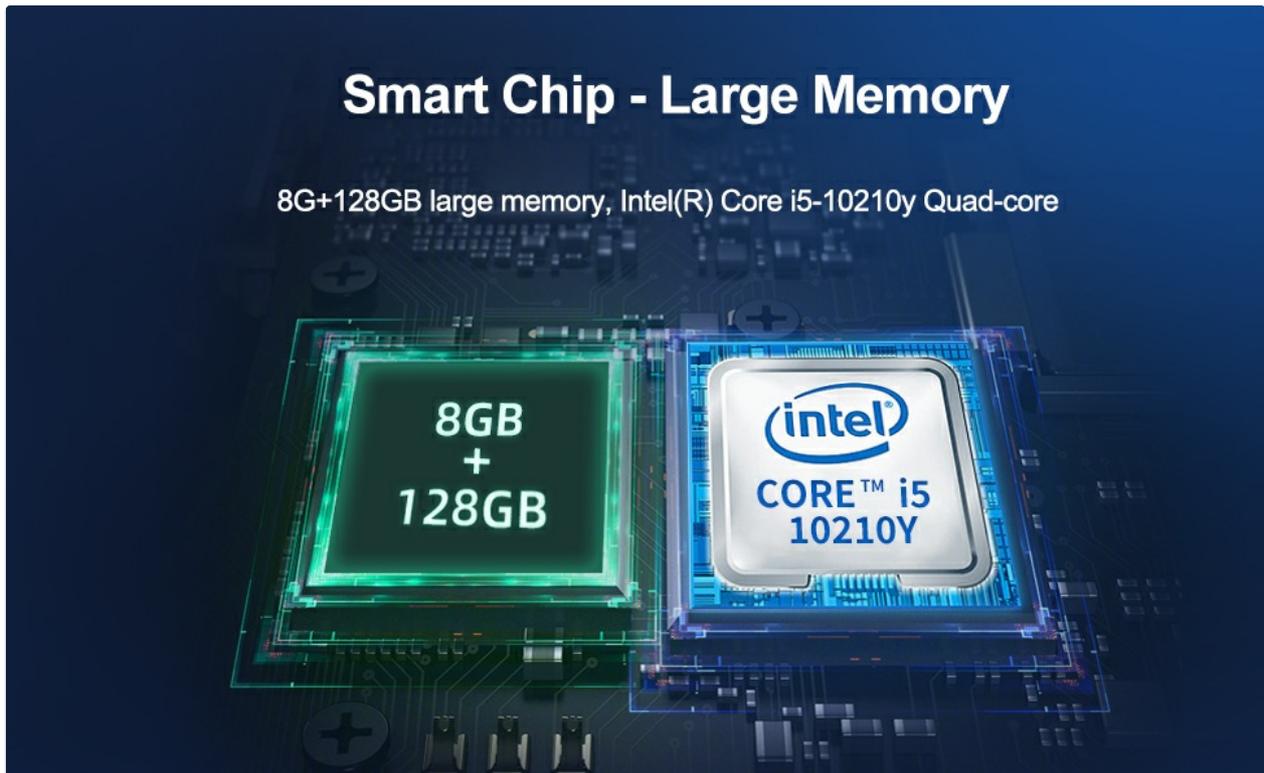

Figure 3: Internal components highlighting the Intel Core i5-10210Y processor and memory configuration.

4.2 Display Features

The 10.1-inch IPS display features a resolution of 1920x1200 pixels and a brightness of up to 700cd/ , enhanced with a sunlight visibility film. This allows for clear viewing even in bright outdoor conditions.

Figure 4: The 10.1-inch display, designed for visibility in direct sunlight.

4.3 Navigation and Positioning

Utilizing U-Blox NEO-7 GPS technology, the tablet provides high-precision navigation and positioning services. It is compatible with various geographic information systems software, making it suitable for both urban navigation and outdoor exploration.
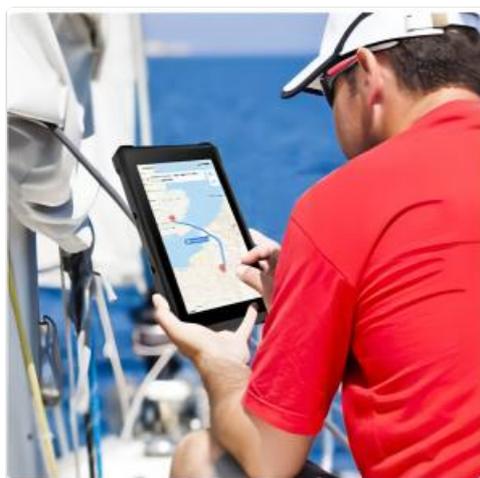
4.4 Available Interfaces

The tablet features multiple interfaces for connectivity:

- Type-C port
- Type-A USB 3.0 port
- RS232 port
- 3.5mm Standard headphone jack
- Standard Micro SIM card slot
- Micro HDMI port
- 12V-4A DC power input (outer diameter 3.5mm, inner diameter 1.35mm)
- 12Pin USB+charger port

Figure 6: Overview of the tablet's various input/output ports.

5. MAINTENANCE

5.1 Cleaning

To clean the tablet, use a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials.

5.2 Battery Care

The tablet is equipped with a 5550mAh battery, providing up to 7 hours of usage. To prolong battery life:

- Avoid extreme temperatures.
- Do not allow the battery to fully discharge frequently.
- Use only the provided power adapter for charging.

5.3 Durability Features

The tablet is MIL-STD-810G certified for drops up to 4 feet and IP68 rated for water and dust resistance. Ensure all port covers are securely closed to maintain its protective ratings.
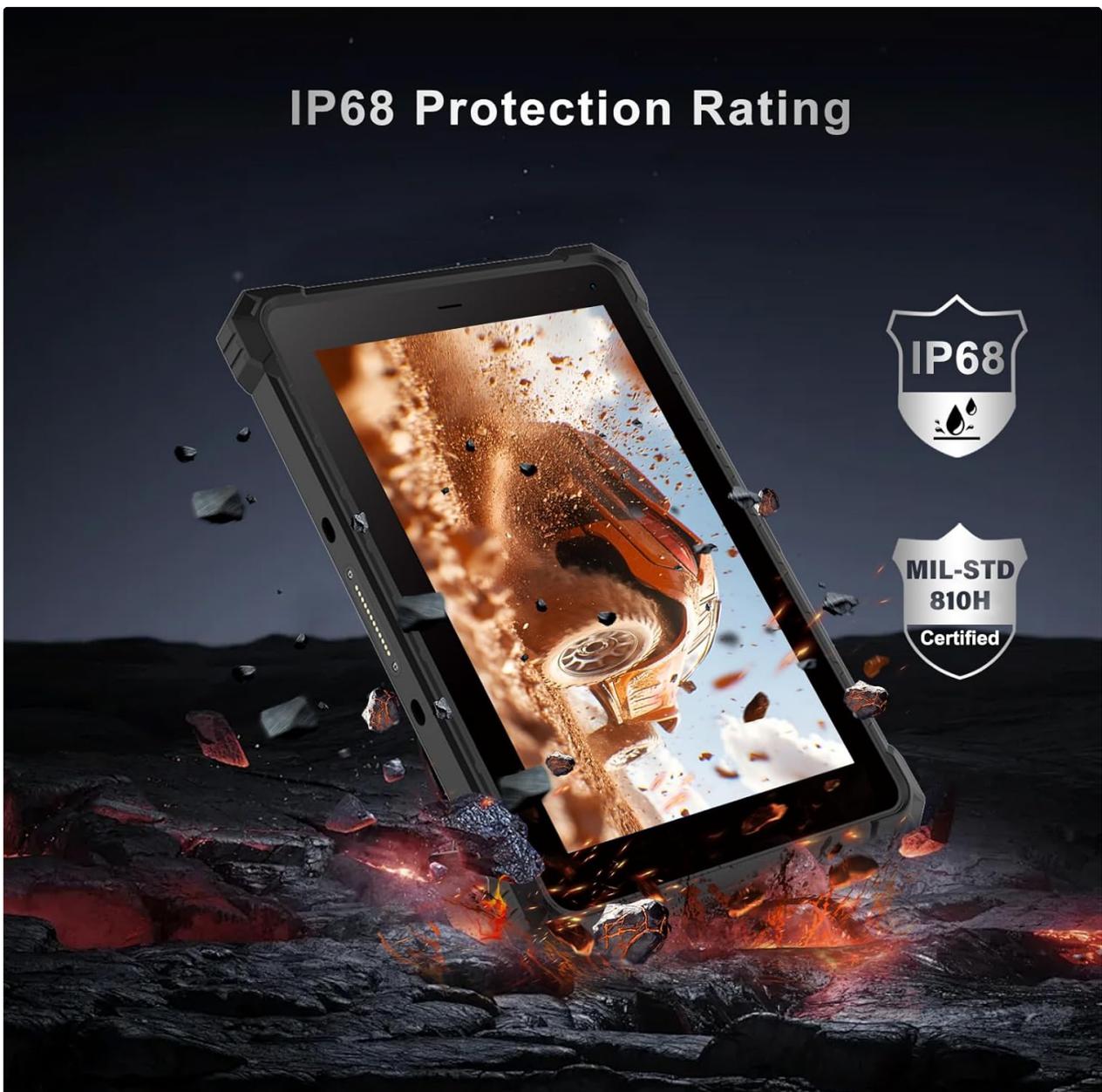

Figure 7: The tablet's rugged design, certified for protection against drops, water, and dust.

6. TROUBLESHOOTING

6.1 Device Overheating

If the tablet feels excessively warm during operation, consider the following:

- **Reduce workload:** Close unnecessary applications running in the background.
- **Environmental factors:** Avoid using the tablet in direct sunlight or extremely hot environments for extended periods.
- **Ventilation:** Ensure the tablet's ventilation areas are not obstructed.
- **Software updates:** Ensure your operating system and drivers are up to date.

If overheating persists or the device shuts down due to heat, discontinue use and contact support.

6.2 Connectivity Issues

- **Wi-Fi:** Verify Wi-Fi is enabled and you are connected to the correct network. Restart your router if necessary.
- **4G LTE:** Ensure the SIM card is correctly installed and activated. Check your mobile data plan.
- **GPS:** Ensure location services are enabled in Windows settings. For optimal performance, use in open areas away from tall buildings or dense foliage.

6.3 Screen Unresponsive

- **Restart:** Perform a soft restart by holding the power button until the device powers off, then power it back on.
- **Stylus:** Ensure the stylus tip is clean and undamaged if you are using it.

7. SPECIFICATIONS

Feature	Specification
Brand	CENAVA
Model Name	W10Y
Operating System	Windows 11 Professional
Screen Size	10.1 Inches
Screen Resolution	1920 x 1200 Pixels (IPS)
Processor	Intel Core i5-10210Y (1 GHz)
Memory (RAM)	8 GB
Storage (Flash Memory)	128 GB
Wireless Type	802.11ac (Wi-Fi 5)
Connectivity	4G LTE, GPS, Bluetooth 5.2
Battery Life (Average)	8 Hours (5550mAh)
Item Weight	4.1 pounds
Product Dimensions	14.7 x 8.5 x 2.4 inches

Feature	Specification
Protection Rating	IP68 Waterproof, MIL-STD-810G Certified

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official CENAVA website. You can also visit the CENAVA Store on Amazon for additional product details and contact options.

Related Documents - W10Y

	CENAVA W80N Rugged Tablet: Industrial Specifications and Features Discover the robust CENAVA W80N rugged tablet, engineered for demanding environments. Features Intel Jasper Lake N5100 processor, Windows/Ubuntu OS, 8-inch IP68-rated display, extensive connectivity, and optional modules for industries like manufacturing, transportation, and field services.
	CENAVA A10ST Rugged Tablet: Technical Specifications and Features Detailed specifications and features of the CENAVA A10ST rugged tablet, including its performance, connectivity, durability, and application fields. Designed for demanding environments.
	CENAVA A868T Rugged Tablet: Specifications and Features Detailed overview of the CENAVA A868T rugged tablet, featuring its specifications, protection capabilities, connectivity options, and application fields for industrial and professional use.
	CENAVA A10ST Rugged Tablet FCC Test Report Official test report for the CENAVA A10ST Rugged Tablet, detailing compliance with FCC CFR Title 47 Part 15 Subpart C Section 15.247, including conducted and radiated emissions, power measurements, and frequency hopping characteristics.