

HIGOLE PC GOLE-F94G

HIGOLEPC Rugged Tablet User Manual

Model: GOLE-F94G

1. INTRODUCTION

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your HIGOLEPC Rugged Tablet. Designed for demanding environments, this tablet combines robust durability with high performance, making it ideal for field service, industrial applications, and more. Please read this manual thoroughly before using your device to ensure proper functionality and longevity.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x HIGOLEPC Rugged Tablet
- 1 x Power Adapter
- 1 x User Manual (this document)

3. PRODUCT FEATURES

The HIGOLEPC Rugged Tablet is engineered with advanced features to deliver reliable performance in challenging conditions:

- **MIL-STD-810G Grade Durability:** Constructed with high-strength black plastic, the tablet is designed to withstand 1.2m drop tests, ensuring resilience against accidental falls.
- **IP67 Waterproof, Dustproof, and Shockproof:** Provides superior protection against water immersion, dust ingress, and physical shocks, making it suitable for harsh environments like warehouses, construction sites, and field surveys.
- **Advanced Connectivity:** Supports 4G LTE for cellular data and calls, high-speed dual-band WiFi (2.4GHz + 5GHz), and Bluetooth 4.2 for stable data transfer and peripheral connections.
- **Integrated GPS Navigation:** Features an accurate GPS system for reliable navigation, even offline, which is crucial for outdoor and remote work.
- **Powerful Performance:** Equipped with a 12th Gen Intel N100 processor, 16GB LPDDR5 RAM, and 256GB ROM, ensuring smooth operation for various tasks and ample storage.
- **Windows 11 Pro Operating System:** Pre-installed with Windows 11 Pro, offering a familiar and versatile computing

experience. Supports other operating systems like Linux and Ubuntu.

- **Long-lasting Battery:** An 8000mAh/3.7V battery provides up to 10 hours of battery life for extended mobile work.
- **Rich Interface Options:** Includes HDMI, USB 3.0, full-functional USB-C 3.1, DB9 serial port, headphone port, and TF card slot for comprehensive connectivity. Features a magnetic direct plug touch for convenient charging with a dock.
- **10.1-inch FHD Display:** A 10.1-inch screen with 1920x1200 resolution and 300 nits brightness for clear visuals.

RUGGED TABLET PC

This ensures dependability in the field

The safe and secure rugged tablet for demanding applications including warehousing, manufacturing, construction, logistics and so much more.

IP67 GRADE

ANTI-SHOCK 1.2M

MIL-STD-810G

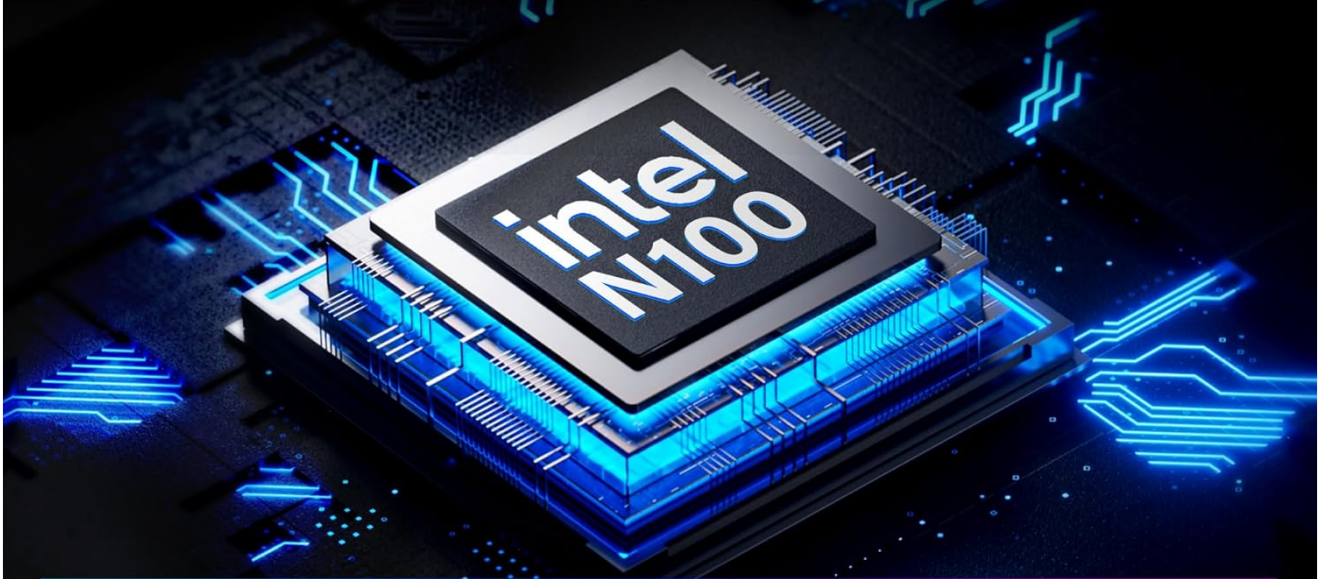


The use of accurate temperature measurement: the machine can be between -10 ° -55 °, normal work, will not be too high or too low temperature damage to the machine, resulting in damage to the motherboard, melting, scrap.

Image: The HIGOLEPC Rugged Tablet submerged in water, illustrating its IP67 waterproof rating and MIL-STD-810G durability against harsh conditions.

NEW INTEL 12TH GEN ALDER LAKE N100 PROCESSOR

Increased Performance and Save Energy Compared to Previous J4125 Processor



Multi-Core

AlderLake N100 +10%-30%



Single-Core

AlderLake N100 +15%-40%



Image: Diagram illustrating the performance improvements of the new Intel 12th Gen Alder Lake N100 Processor compared to previous generations, highlighting multi-core and single-core gains.

10.1' Windows 11 Pro Run every software with ease

 16GB RAM

 256GB ROM

 512GB Expandable



Image: The 10.1-inch HIGOLEPC Rugged Tablet displaying the Windows 11 Pro interface, emphasizing its 16GB RAM and 256GB ROM for efficient software operation.

4. DEVICE LAYOUT AND PORTS

Familiarize yourself with the physical layout and available ports on your HIGOLEPC Rugged Tablet:



Image: A comprehensive diagram showing the various ports and buttons on the HIGOLEPC Rugged Tablet, including USB, Type-C, HDMI, RS232, Ethernet, and headphone jack.

• **Top Side:**

- Volume Up/Down Buttons
- Power Button
- SD Card Slot
- USB 3.0 Port
- Type-C Ports (x2)
- Headphone Jack (3.5mm)
- Charger Port (DC 12V/3A)

• **Bottom Side:**

- RS232 Serial Port (DB9)
- Ethernet Port (RJ45)
- USB 3.0 Port
- Pogo Pin Connector (for charging dock)

- Set Screw Hole
- **Side:**
 - SIM Card Slot (supports 4G SIM card)

5. SETUP GUIDE

5.1 Initial Charging

Before first use, fully charge the tablet using the provided power adapter. Connect the adapter to the charger port on the top side of the tablet and plug it into a power outlet. The charging indicator will illuminate.

5.2 Powering On/Off

- **To Power On:** Press and hold the Power Button located on the top side until the screen illuminates.
- **To Power Off:** Press the Power Button briefly to bring up the power options on the screen, then select "Shut down". Alternatively, for a forced shutdown, press and hold the Power Button for approximately 10 seconds.

5.3 Initial Windows Setup

Upon first power-on, you will be guided through the Windows 11 Pro setup process. Follow the on-screen prompts to:

- Select your region and keyboard layout.
- Connect to a Wi-Fi network.
- Accept the license agreement.
- Create or sign in with a Microsoft account.
- Set up a PIN or password.
- Adjust privacy settings.

6. OPERATING INSTRUCTIONS

6.1 Touchscreen Navigation

The tablet features a responsive multi-touch display. Use standard Windows touch gestures:

- **Tap:** To select an item or open an application.
- **Tap and Hold:** To open context menus or drag items.
- **Swipe:** To scroll through content or navigate between screens.
- **Pinch-to-Zoom:** To zoom in or out on images and web pages.

6.2 Connectivity

6.2.1 Wi-Fi Connection

To connect to a Wi-Fi network:

1. Go to **Settings > Network & internet > Wi-Fi**.
2. Turn on Wi-Fi.
3. Select your desired network from the list and enter the password if required.

6.2.2 4G LTE Cellular Data

Insert a 4G SIM card into the designated slot on the side of the tablet. Once inserted, the tablet should automatically detect the network. You can manage cellular settings via **Settings > Network & internet > Cellular**.

4G LTE & WIFI

SIM Cards Cellular can be used anytime,
and don't need to be restricted anywhere



Image: Visual representation of the HIGOLEPC Rugged Tablet's 4G LTE, Wi-Fi (2.4G/5G), and Bluetooth 4.2 capabilities, indicating seamless wireless communication.

6.2.3 Bluetooth Pairing

To pair with Bluetooth devices:

1. Go to **Settings > Bluetooth & devices**.
2. Turn on Bluetooth.
3. Select "Add device" and choose the type of device you want to pair.
4. Select your device from the list and follow the pairing instructions.

6.2.4 GPS Navigation

The integrated GPS allows for accurate location tracking and navigation. You can use pre-installed map applications or download third-party navigation software. For offline navigation, ensure maps are downloaded in advance.

6.3 Battery Management

The 8000mAh battery provides extended usage. To maximize battery life:

- Adjust screen brightness to a comfortable level.

- Close unused applications running in the background.
- Turn off Wi-Fi, Bluetooth, or cellular data when not in use.
- Utilize Windows battery saver mode.

8000mAh Large Battery

800H Standby time

22H Call time

28H Video

36H Music

8000 mAh

Image: Illustration of the HIGOLEPC Rugged Tablet's 8000mAh battery, highlighting its long standby time (800H), call time (22H), video playback (28H), and music playback (36H).

7. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your rugged tablet, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters ports.
- **Water and Dust Protection:** While the tablet is IP67 rated, ensure all port covers are securely closed when operating in wet or dusty environments to maintain water and dust resistance.
- **Temperature Range:** The tablet is designed to operate in extreme temperatures (-10°C to 55°C). Avoid prolonged exposure to temperatures outside this range.
- **Storage:** Store the tablet in a cool, dry place when not in use. If storing for extended periods, charge the battery to about 50% to preserve its health.

- **Impact Protection:** Despite its rugged design, avoid unnecessary drops or impacts.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your tablet. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Tablet does not power on.	Low battery; System crash.	Charge the tablet for at least 30 minutes. Press and hold the Power Button for 10 seconds to force restart.
Wi-Fi connection unstable or not connecting.	Out of range; Incorrect password; Router issue.	Move closer to the Wi-Fi router. Re-enter the password. Restart your Wi-Fi router.
Touchscreen unresponsive.	Temporary software glitch; Screen protector interference.	Restart the tablet. Ensure screen protector is properly applied or remove it to test.
4G LTE not working.	SIM card not inserted correctly; No signal; Data plan issue.	Reinsert the SIM card. Check signal strength. Contact your mobile carrier.
Device runs slow.	Too many applications running; Low storage space.	Close unnecessary applications. Free up storage by deleting unused files or apps.

9. SPECIFICATIONS

Detailed technical specifications for the HIGOLEPC Rugged Tablet (Model: GOLE-F94G):

Feature	Specification
Brand	HIGOLE PC
Model Name	GOLE-F94G-16256
Item Model Number	GOLE-F94G
Operating System	Win 11 Pro
Screen Size	10.1 Inches
Screen Resolution	1920 x 1200 pixels (FHD)
Processor	Intel N100 (1.1 GHz)
RAM	16GB LPDDR5
Storage (ROM)	256GB
Expandable Storage	Supports 512GB SD Memory card
Battery	8000mAh / 3.7V Lithium Polymer
Connectivity	4G LTE, Wi-Fi (2.4GHz+5GHz), Bluetooth 4.2, GPS
Ports	HDMI, USB 3.0, Full functional USB-C 3.1, DB9 serial port, Headphone port, TF card slot, RJ45 Ethernet

Feature	Specification
Durability	MIL-STD-810G, IP67 Waterproof, Dustproof, Shockproof (1.2m fall test)
Item Weight	3.92 pounds
Product Dimensions (LxWxH)	11 x 7 x 1 inches

10. WARRANTY AND SUPPORT

HIGOLE PC provides a standard warranty for this product. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official HIGOLE PC website. For technical support, troubleshooting assistance, or service inquiries, please contact HIGOLE PC customer support through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information: Please refer to the contact details provided on the product packaging or the official HIGOLE PC website for the most up-to-date support information.