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› HIGOLEPC F10 PRO 10.1-inch Touchscreen Mini PC User Manual

HIGOLE PC F10 PRO

HIGOLEPC F10 PRO 10.1-inch Touchscreen Mini PC User Manual

Model: F10 PRO

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your HIGOLEPC F10 PRO 10.1-inch Touchscreen Mini PC. This compact device features an Intel Celeron N5095 processor, 8GB RAM, 128GB ROM, and a built-in battery, offering a versatile computing experience with a responsive touchscreen display.

Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its lifespan.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging:

- 1 x HIGOLEPC F10 PRO Mini PC (All-in-one PC)
- 1 x Power Adapter
- 1 x Instruction Manual (this document)

Supports Dual 4K Output

Increase efficiency and productivity



HDMI 2.0



Type-C 3.1
(full function)



Image: Contents of the HIGOLEPC F10 PRO Mini PC package, including the device, power adapter, and instruction manual.

3. PRODUCT OVERVIEW

3.1 Device Features

- **10.1-inch HD Touchscreen:** Integrated display with 1280x800 resolution and 5-point G+G sensitivity for intuitive interaction.
- **Intel Celeron N5095 Processor:** Quad-core, quad-thread processor with a base frequency of 2.0 GHz and burst frequency up to 2.9 GHz, providing efficient performance for daily tasks.
- **Fanless Design:** Operates silently without a cooling fan, reducing noise and dust accumulation.
- **Built-in Battery:** Features a 5000mAh rechargeable battery for portable use, offering approximately 8 hours of operation.
- **Pre-installed Windows 11 Pro:** Comes with Windows 11 Pro, supporting remote desktop access and system upgrades.

- **Wireless Connectivity:** Equipped with dual-band WiFi 5 (2.4GHz/5.0GHz) and Bluetooth 5.0 for high-speed wireless connections.
- **Gigabit Ethernet:** Provides a stable wired network connection at 10/100/1000Mbps.

3.2 Port Layout

The HIGOLEPC F10 PRO offers a comprehensive set of ports for various connectivity needs.



Image: Front view of the HIGOLEPC F10 PRO showing the 10.1-inch touchscreen, and rear view detailing the various input/output ports.

- **DC 12V Power Input:** For connecting the power adapter.
- **LAN (RJ45) Port:** For wired Ethernet connection (10/100/1000Mbps).
- **USB 3.0 Ports (x4):** High-speed ports for connecting peripherals such as keyboards, mice, and external storage.
- **HDMI 2.0 Port:** Supports 4K video output for connecting to external monitors or TVs.
- **Type-C Port (Full Function):** Supports 4K video output, data transfer, and Power Delivery (PD) charging.
- **RS232 Ports (x2):** Serial ports for industrial or specialized peripheral connections.
- **TF Card Slot:** For expanding storage with a microSD card (up to 512GB).
- **Earphone Jack:** 3.5mm audio output.

- **Power Button:** To turn the device on/off or put it to sleep.

RS-232 and HDMI 2.0 Expands Different Content



HDMI 2.0 Supports 4K Video Playback, Watching High Definition TV.

Meet different needs synchronize audio and video, realize high definition conversion.

RS-232 is widely used for computer serial interface peripheral connections

including connecting cables and mechanical and electrical characteristics, signaling functions, and transmission processes.

Image: Close-up view of the device's side and rear ports, highlighting USB 3.0, HDMI 2.0, Type-C, and RS232 connections.

4. SETUP INSTRUCTIONS

4.1 Initial Power On

1. **Charge the Device:** Connect the provided power adapter to the DC 12V input port on the Mini PC and plug it into a power outlet. Allow the device to charge for at least 30 minutes before initial use, especially if the battery is depleted.
2. **Power On:** Press and hold the Power Button located on the device until the screen illuminates.
3. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language selection, network connection, and user account creation.

4.2 Connecting Peripherals

- **Keyboard and Mouse:** Connect a USB keyboard and mouse to the available USB 3.0 ports. Alternatively, use Bluetooth peripherals by pairing them through Windows settings.
- **External Display:** Connect an external monitor or TV using an HDMI cable to the HDMI 2.0 port or a compatible Type-C cable to the full-function Type-C port. The device supports dual 4K display output.
- **Network Connection:** For a wired connection, plug an Ethernet cable into the RJ45 LAN port. For wireless, connect to a Wi-Fi network through Windows settings.
- **Storage Expansion:** Insert a microSD card into the TF card slot for additional storage.



Image: The HIGOLEPC F10 PRO Mini PC connected to two external monitors via HDMI and Type-C, demonstrating its dual 4K output capability.

5. OPERATING INSTRUCTIONS

5.1 Using the Touchscreen

The 10.1-inch touchscreen allows for direct interaction with the Windows 11 Pro interface. It supports multi-touch gestures for navigation and input.

- **Tap:** Equivalent to a mouse click.
- **Tap and Hold:** Equivalent to a right-click.
- **Swipe:** For scrolling or navigating through content.
- **Pinch-to-Zoom:** Use two fingers to zoom in or out.



Image: A user interacting with the 10.1-inch touchscreen of the HIGOLEPC F10 PRO, demonstrating its touch capabilities for menu navigation.

5.2 Power Management

- **Turning On:** Press the Power Button.
- **Sleep Mode:** Briefly press the Power Button while the device is on. Press again to wake.
- **Shut Down:** Access the Start Menu in Windows and select "Power" > "Shut down". Alternatively, press and hold the Power Button for several seconds until the device powers off.
- **Battery Use:** The built-in battery provides portability. Monitor battery level through the Windows taskbar icon. Recharge using the provided power adapter.

5.3 Advanced Features

- **Remote Desktop:** Utilize Windows 11 Pro's remote desktop capabilities to access the Mini PC from another computer.
- **Dual OS Support:** The device supports running dual custom operating systems, suitable for developers and programmers.
- **Wake on LAN (WoL):** Configure WoL in the BIOS settings to power on the device remotely via the network.
- **PXE Boot:** Preboot Execution Environment (PXE) allows the device to boot from a network server.
- **Auto Power On:** Configure the device to automatically power on when connected to power, useful for embedded applications.
- **RTC Wake Settings:** Real-Time Clock (RTC) wake allows scheduling the device to power on at specific times.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. For the touchscreen, use a microfiber cloth specifically designed for electronics. Avoid abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install Windows updates to ensure system stability and security.
- **Storage Management:** Periodically clear unnecessary files and applications to maintain optimal performance.
- **Environmental Conditions:** Operate the Mini PC in a well-ventilated area, away from direct sunlight, excessive heat, or moisture. The fanless design requires adequate airflow around the device.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing the device for an extended period, ensure the battery is charged to approximately 50-70%.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power, depleted battery, faulty power adapter.	Ensure the power adapter is securely connected and plugged into a working outlet. Charge the device for at least 30 minutes. Try a different power outlet.
No display on external monitor.	Incorrect cable connection, monitor input not selected, display settings issue.	Verify HDMI/Type-C cable connections. Ensure the external monitor is set to the correct input source. In Windows, press Windows key + P to cycle through display modes.
Wi-Fi or Bluetooth not working.	Wireless adapter disabled, driver issue, interference.	Check Windows settings to ensure Wi-Fi/Bluetooth is enabled. Restart the device. Update wireless drivers if necessary.
Touchscreen unresponsive or inaccurate.	Screen dirty, temporary software glitch, driver issue.	Clean the screen with a microfiber cloth. Restart the device. Check for touchscreen driver updates in Device Manager.
System performance is slow.	Too many applications running, low storage space, outdated drivers.	Close unnecessary applications. Free up disk space. Ensure Windows and drivers are up to date.

8. SPECIFICATIONS

Feature	Detail
Model	F10 PRO
Processor	Intel Celeron N5095 (4 Cores, 4 Threads, 2.0 GHz Base, up to 2.9 GHz Burst)
Graphics	Intel UHD Graphics 600
RAM	8 GB LPDDR4
Storage	128 GB eMMC (expandable via TF card up to 512GB)

Feature	Detail
Display	10.1-inch IPS Touchscreen, 1280x800 Resolution
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 5 (802.11ac, Dual-band 2.4GHz/5.0GHz), Bluetooth 5.0
Wired Connectivity	1x Gigabit Ethernet (RJ45)
Ports	4x USB 3.0, 1x HDMI 2.0, 1x Type-C (Full Function), 2x RS232, 1x TF Card Slot, 1x 3.5mm Earphone Jack, 1x DC 12V Power Input
Battery	5000mAh Lithium Polymer (included)
Dimensions (LxWxH)	9.45 x 6.3 x 2.36 inches (24 x 16 x 6 cm)
Weight	3.87 pounds (1.76 kg)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official HIGOLE PC website. Contact details for customer service are typically available on the product packaging or the manufacturer's support page.

Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question