

## HIGOLE PC F11 PRO

# HIGOLEPC Mini PC User Manual

Model: F11 PRO | Brand: HIGOLE PC

## 1. INTRODUCTION

This manual provides comprehensive instructions for the HIGOLEPC Mini PC, Model F11 PRO. This compact and portable mini computer is designed for various applications, from business and education to home office and entertainment. It features a Celeron J4125 processor, 8GB DDR4 RAM, 128GB EMMC storage, an IPS screen, and supports WiFi 5.0, Bluetooth 5.2, and Gigabit Ethernet.

The HIGOLEPC Mini PC is equipped with a built-in battery for portable use and comes pre-installed with Windows 11 Pro. Its fanless design ensures silent operation, making it suitable for environments where noise is a concern.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Portable Design:** Compact dimensions (5.59 x 3.58 x 0.75 inches) and lightweight (12.3 ounces) with a built-in battery for up to 5 hours of use.
- **Pre-installed Windows 11 Pro:** Comes with a valid license and supports remote desktop access, TPM 2.0, and upgrades from Windows 10.
- **Celeron J4125 Processor:** Quad-core processor with a base operating frequency of 2.0 GHz, boosting up to 2.7 GHz, suitable for daily tasks. Fanless design ensures silent operation.
- **Advanced Connectivity:** Features WiFi 6.0 (dual-band 2.4GHz and 5.0GHz) for faster internet, Gigabit Ethernet (10/100/1000Mbps), and Bluetooth 5.2 for high-speed data transfer.
- **Versatile Ports:** Includes 4x USB 3.0 ports, 2x HDMI 2.0 ports (supporting dual 4K displays), 1x Ethernet port, 1x TF card slot, built-in audio, and microphone.

### 2.2 Product Components and Ports

The HIGOLEPC Mini PC is designed with a variety of ports for extensive connectivity. Refer to the diagram below for a detailed layout of the components and ports.

# The Mini PC Can Be Used Singly

Don't need mouse, keyboard, and power supply required



2500mA  
battery



Working  
5 hours



1.5 hours  
fully charged



**Image Description:** A detailed view of the HIGOLEPC Mini PC, highlighting its various input/output ports and components. The image shows the device from multiple angles, clearly labeling the power button, microphone, speaker, vents, HDMI 1.2 ports, USB 3.0 ports, Type-C (DC) port, Audio Combo Jack, RJ45 Ethernet port, and Micro SD card slot.

## Port Identification:

1. **Power Button:** Used to power on/off the device.
2. **Microphone:** Integrated microphone for audio input.
3. **Speaker:** Integrated speaker for audio output.
4. **Vents:** Heat dissipation vents for optimal performance.
5. **HDMI 1.2 (1st):** First HDMI output port for connecting to external displays.
6. **HDMI 1.2 (2nd):** Second HDMI output port for connecting to external displays, supporting dual 4K output.
7. **USB 3.0 (1st):** High-speed USB 3.0 port.

8. **USB 3.0 (2nd):** High-speed USB 3.0 port.
9. **RJ45:** Gigabit Ethernet port for wired network connection.
10. **Type-C (DC):** USB Type-C port primarily for power input.
11. **Audio Combo Jack:** Combined audio input/output port for headphones or external microphone.
12. **USB 3.0 (3rd):** High-speed USB 3.0 port.
13. **USB 3.0 (4th):** High-speed USB 3.0 port.
14. **Micro SD:** Slot for inserting a Micro SD card for expanded storage.

### 3. SETUP GUIDE

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Follow these steps to set up your HIGOLEPC Mini PC for the first time.

1. **Unpack the Device:** Carefully remove the Mini PC, power adapter, and instruction manual from the packaging.
2. **Power Connection:** Connect the provided power adapter to the Type-C (DC) port on the Mini PC and plug the adapter into a power outlet.
3. **Connect Peripherals (Optional):**
  - **Display:** Connect your monitor(s) to the HDMI 1.2 ports using HDMI cables. The device supports dual 4K displays.
  - **Keyboard and Mouse:** Connect a USB keyboard and mouse to any of the USB 3.0 ports. Alternatively, use Bluetooth peripherals.
  - **Network:** For a wired connection, connect an Ethernet cable to the RJ45 port. For wireless, ensure Wi-Fi is enabled after booting.
4. **Power On:** Press the Power Button (1) located on the device to turn it on. The device will boot into Windows 11 Pro.
5. **Initial Windows Setup:** Follow the on-screen prompts to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.



**Image Description:** The HIGOLEPC Mini PC connected to two external monitors, demonstrating its dual 4K display support. A keyboard and mouse are also connected, illustrating a typical desktop setup.

### 4. OPERATING INSTRUCTIONS

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The HIGOLEPC Mini PC operates like a standard Windows 11 Pro computer, with the added benefit of portability and an integrated touch screen.

## 4.1 Basic Operation

- **Power On/Off:** Press the power button briefly to turn on. To shut down, use the Windows Start menu. A long press (approx. 5 seconds) will force a shutdown.
- **Touch Screen:** Utilize the integrated 5.5-inch IPS touch screen for direct interaction with Windows 11.
- **External Displays:** Connect up to two external monitors via the HDMI ports for extended or duplicated desktop views.
- **Wireless Connectivity:**
  - **Wi-Fi:** Access Wi-Fi settings in Windows to connect to available 2.4GHz or 5.0GHz networks.
  - **Bluetooth:** Pair Bluetooth devices (e.g., headphones, keyboard, mouse) through Windows Bluetooth settings.
- **Storage Expansion:** Insert a Micro SD card into the dedicated slot to expand storage capacity (supports up to 1TB).



# HIGOLE PC

## Make a different Mini PC

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| 5.5 Inches<br>Touch screen                                                          | Built-in<br>battery                                                                 |
|  |  |
| 8GB RAM<br>128GB ROM                                                                | Windows<br>11 Pro                                                                   |
|  |  |
| Intel Celeron<br>J4125                                                              | Bluetooth 5.2<br>WiFi 6.0                                                           |

**Image Description:** A person placing the HIGOLEPC Mini PC into a back pocket, illustrating its extremely compact and portable design. This highlights the device's ability to be carried easily.

## 4.2 Battery Usage

The built-in Lithium Polymer battery provides approximately 5 hours of working time on a full charge.

- **Charging:** Connect the power adapter to the Type-C (DC) port for charging.
- **Battery Indicator:** Monitor the battery level through the Windows taskbar icon.
- **Power Saving:** Adjust Windows power settings to optimize battery life when operating on battery power.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Mini PC.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. For the screen, use a microfiber cloth specifically designed for electronics. Avoid abrasive cleaners or solvents.
- **Heat Management:** The device is fanless, relying on its metal body for heat dissipation. Ensure the vents are not obstructed during operation to prevent overheating. Avoid placing the device on soft surfaces that can block airflow.
- **Software Updates:** Regularly update Windows 11 and device drivers to ensure security and performance.
- **Storage Management:** Periodically clear temporary files and unnecessary programs to maintain optimal storage performance.
- **Battery Care:** For long-term storage, charge the battery to about 50% and store the device in a cool, dry place. Avoid fully discharging the battery frequently.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your HIGOLEPC Mini PC.

| Problem                                  | Possible Cause                                                                 | Solution                                                                                                                                                                                                                        |
|------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device does not power on.                | No power, faulty adapter, or completely discharged battery.                    | Ensure the power adapter is securely connected to the device and a working power outlet. Allow the device to charge for at least 15 minutes before attempting to power on if the battery was fully depleted.                    |
| Slow boot or general performance issues. | Too many startup programs, insufficient free storage, or background processes. | Disable unnecessary startup programs. Free up disk space by deleting temporary files or uninstalling unused applications. Ensure Windows is up to date. Consider a clean reinstallation of Windows if performance remains poor. |
| Device gets excessively hot.             | Obstructed vents, prolonged heavy usage, or environmental factors.             | Ensure the device's vents are clear and not blocked. Use the device on a hard, flat surface. Reduce prolonged heavy workloads. If overheating persists and causes crashes, contact support.                                     |
| Wi-Fi connection is unstable or slow.    | Interference, outdated drivers, or distance from router.                       | Move closer to the Wi-Fi router. Check for and update Wi-Fi drivers. Ensure there are no major obstructions or sources of interference. Try restarting the router and the Mini PC.                                              |
| Screen rotation issues.                  | Incorrect display settings or driver issues.                                   | In Windows display settings, manually adjust screen orientation. Ensure display drivers are updated.                                                                                                                            |

| Problem                    | Possible Cause                                              | Solution                                                                                                                                                                                  |
|----------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System crashes frequently. | Overheating, software conflicts, or corrupted system files. | Address overheating (see above). Run Windows System File Checker (SFC) and DISM tools. Consider a clean reinstallation of Windows if issues persist, backing up all important data first. |

## 7. SPECIFICATIONS

Detailed technical specifications for the HIGOLEPC Mini PC (Model F11 PRO).

| Feature               | Detail                                                                                                        |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Model Number          | F11 PRO                                                                                                       |
| Processor             | Intel Celeron J4125 (Quad-core, 2.0 GHz base, up to 2.7 GHz)                                                  |
| RAM                   | 8 GB LPDDR4 (2400 MHz)                                                                                        |
| Storage               | 128 GB EMMC                                                                                                   |
| Graphics Coprocessor  | Intel HD 600 Graphics (Integrated)                                                                            |
| Operating System      | Windows 11 Pro                                                                                                |
| Screen Size           | 5.5 Inches IPS Touch Screen                                                                                   |
| Max Screen Resolution | 1280x800 Pixels (Native), supports 4K external displays                                                       |
| Wireless Connectivity | WiFi 6.0 (802.11ax, Dual-band 2.4GHz/5.0GHz), Bluetooth 5.2                                                   |
| Ports                 | 4x USB 3.0, 2x HDMI 2.0, 1x RJ45 Gigabit Ethernet, 1x Type-C (DC Power), 1x Audio Combo Jack, 1x TF Card Slot |
| Battery               | 1 Lithium Polymer battery (included), approx. 5 hours working time                                            |
| Dimensions (LxWxH)    | 5.59 x 3.58 x 0.75 inches                                                                                     |
| Item Weight           | 12.3 ounces                                                                                                   |

## 8. WARRANTY AND SUPPORT

HIGOLE PC is committed to providing high-quality products and customer support.

### 8.1 Safety Information

The HIGOLEPC Mini PC has undergone rigorous testing and complies with various international certifications, including FCC, UL, UKCA, CE, GS, CCC, PSE, Giteki, RCM, and CEC, ensuring adherence to safety and quality standards.

### 8.2 Legal Disclaimer & Warranty

If you encounter any issues with your product, please contact the HIGOLE support team. A machine replacement service is available within one year of purchase in case of product defects or malfunctions. For further assistance or to report an issue, please visit the official HIGOLE PC store or contact their customer service directly.

## 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