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› HIGOLEPC F9B Screen Mini PC User Manual - 12th Gen N100, 16GB RAM, 512GB ROM

HIGOLE PC F9B Screen

HIGOLEPC F9B Screen Mini PC User Manual

MODEL: F9B SCREEN (16GB RAM, 512GB ROM)

1. Product Overview

The HIGOLEPC F9B Screen Mini PC is a compact and versatile desktop computer designed for various applications, from home office tasks to industrial control. It features a 7-inch integrated screen, a powerful 12th Gen Intel Alder Lake-N100 processor, 16GB of DDR4 RAM, and 512GB of internal storage. This mini PC offers robust performance with low power consumption and extensive connectivity options.



Image: The HIGOLEPC F9B Screen Mini PC, showcasing its compact design and integrated screen.

2. What's in the Box

Upon unboxing your HIGOLEPC F9B Screen Mini PC, please ensure all the following items are present:

- 1x HIGOLEPC F9B Screen Mini PC
- 1x Power Adapter
- 1x User Manual

3. Device Layout and Ports

The HIGOLEPC F9B Screen Mini PC is equipped with a variety of ports for comprehensive connectivity. Familiarize yourself with the port layout for optimal use.

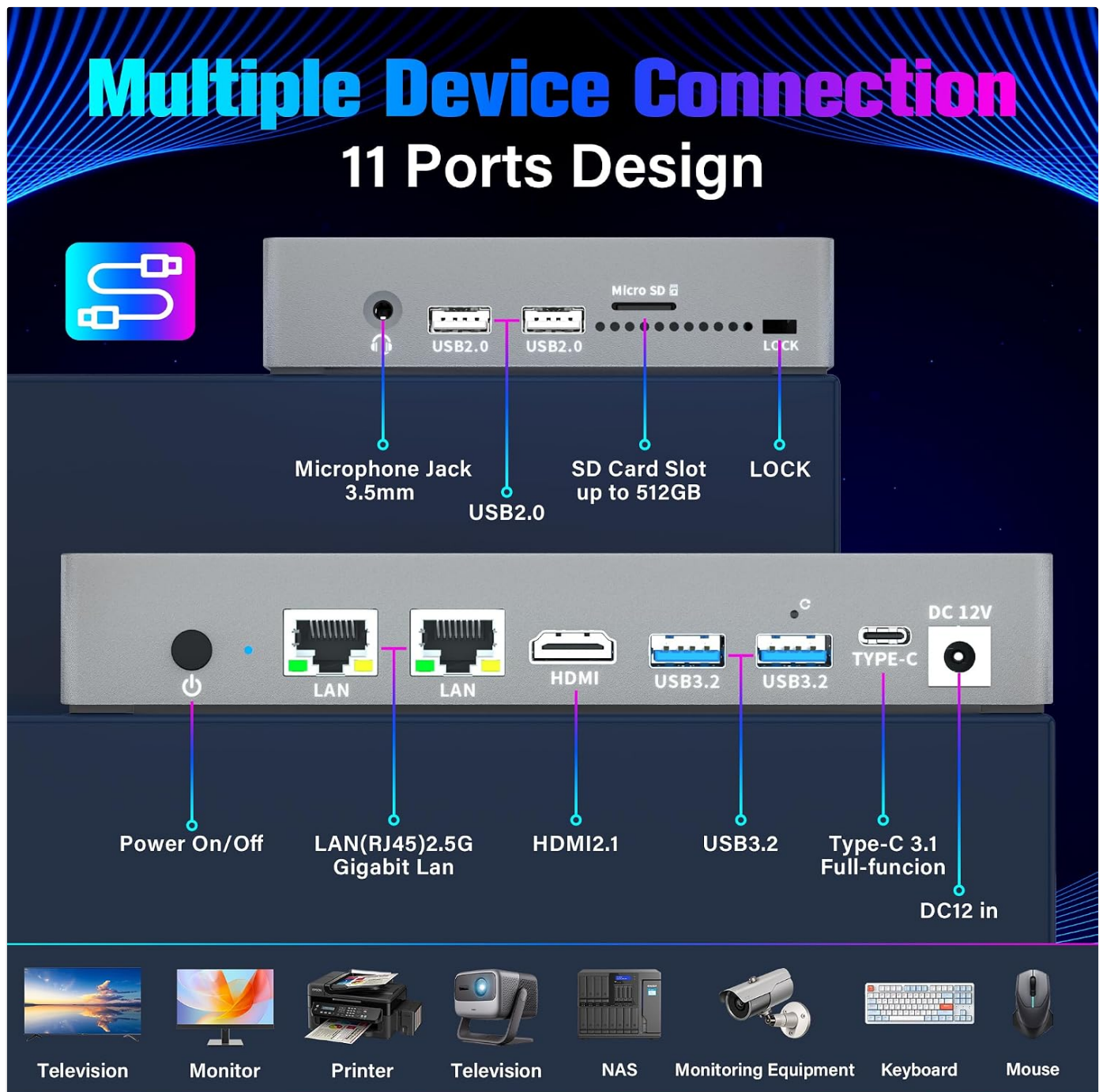


Image: A detailed diagram illustrating the various ports available on the HIGOLEPC F9B Screen Mini PC, including USB, HDMI, LAN, and USB-C.

- **Power On/Off Button:** Located on the side for device control.
- **USB 2.0 Ports:** Two ports for connecting standard USB devices.

- **USB 3.2 Ports:** Two high-speed ports for data transfer.
- **Full-Functional USB-C Port:** Supports 4K display output, data transfer, and power input (PD 3.1).
- **HDMI Port:** One HDMI 1.2 port for 4K@60Hz video output.
- **Dual 2.5GbE LAN Ports:** Two RJ45 ports for high-speed wired network connections.
- **Micro SD Card Slot:** Supports up to 512GB for expandable storage.
- **3.5mm Microphone Jack:** For audio input.

4. Setup

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

1. **Connect Power:** Plug the provided power adapter into the DC 12V port on the Mini PC and then into a power outlet.
2. **Connect Peripherals:** Connect your USB keyboard and mouse to the available USB ports.
3. **External Display (Optional):** If using an external monitor, connect it via the HDMI port or the full-functional USB-C port. The device supports triple video display (integrated screen + HDMI + USB-C).
4. **Network Connection:** For wired internet, connect an Ethernet cable to one of the 2.5GbE LAN ports. For wireless internet, the device will automatically detect available Wi-Fi networks after booting.
5. **Power On:** Press the Power On/Off button to start the Mini PC.

5. Operating System

Your HIGOLEPC F9B Screen Mini PC comes with **Windows 11 Pro** pre-installed. It also supports other operating systems such as Debian, Ubuntu, and Linux, allowing for flexible customization based on user needs.

Support Multiple Operating Systems

The device can run and has been tested with various well-known operating systems.



Image: Visual representation of various operating systems supported by the Mini PC, including Windows, Debian, Ubuntu, and others.

6. Storage Expansion

The Mini PC includes 512GB of internal storage. For additional storage, you can use the Micro SD card slot, which supports cards up to 512GB.



Image: An internal view highlighting the eMMC and SSD storage components within a similar Mini PC model.

7. Display Configuration

The Mini PC supports triple video display, allowing you to connect up to two external monitors in addition to the integrated screen. This can be achieved using the HDMI port and the full-functional USB-C port, both supporting 4K resolution at 60Hz.



Image: A visual demonstrating the triple display capability of the Mini PC, connected to two external monitors for an extended workspace.

8. Connectivity

The Mini PC offers versatile connectivity options:

- **Wi-Fi 5 (802.11ac):** Provides reliable dual-band wireless internet access (2.4GHz and 5GHz).
- **Bluetooth 5.0:** For connecting wireless peripherals such as keyboards, mice, and audio devices.
- **Dual 2.5G Ethernet:** Two high-speed Gigabit Ethernet ports for stable and fast wired network connections, suitable for applications like NAS, software routers, or home servers.

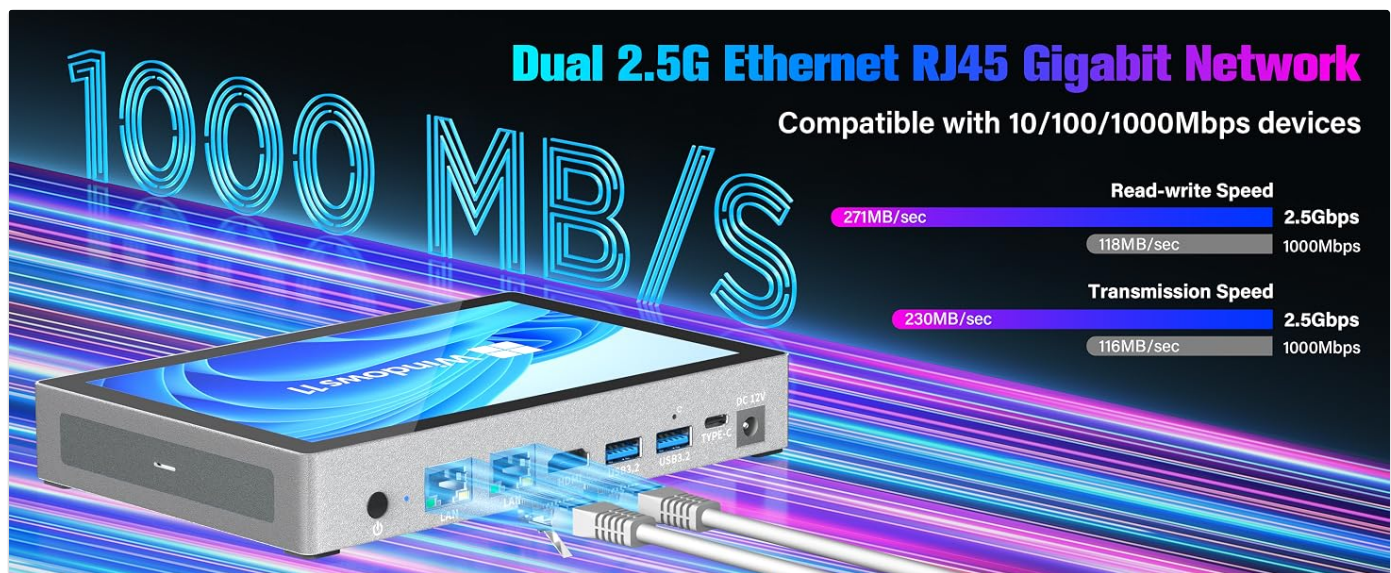


Image: A close-up view of the dual 2.5G Ethernet ports on the Mini PC, illustrating its high-speed networking capabilities.

9. Battery Management

This Mini PC is equipped with a 5000mAh high-capacity battery, providing over 3 hours of usage for tasks like video playback, music listening, or work. The device can be charged via its USB-C PD 3.1 port.



Image: A graphic illustrating the high-capacity 5000mAh battery and its estimated working time for various activities.

10. Performance and Usage Scenarios

Powered by the 12th Gen Intel Alder Lake-N100 processor (4 cores, 4 threads, up to 3.4GHz) and 16GB DDR4 RAM, this Mini PC delivers efficient performance for a wide range of applications. Its fan-based cooling system helps maintain stable operation. The compact size and integrated screen make it suitable for:

- Home working and business offices
- Internet of Things (IoT) applications
- Educational environments
- Digital signage and billboards

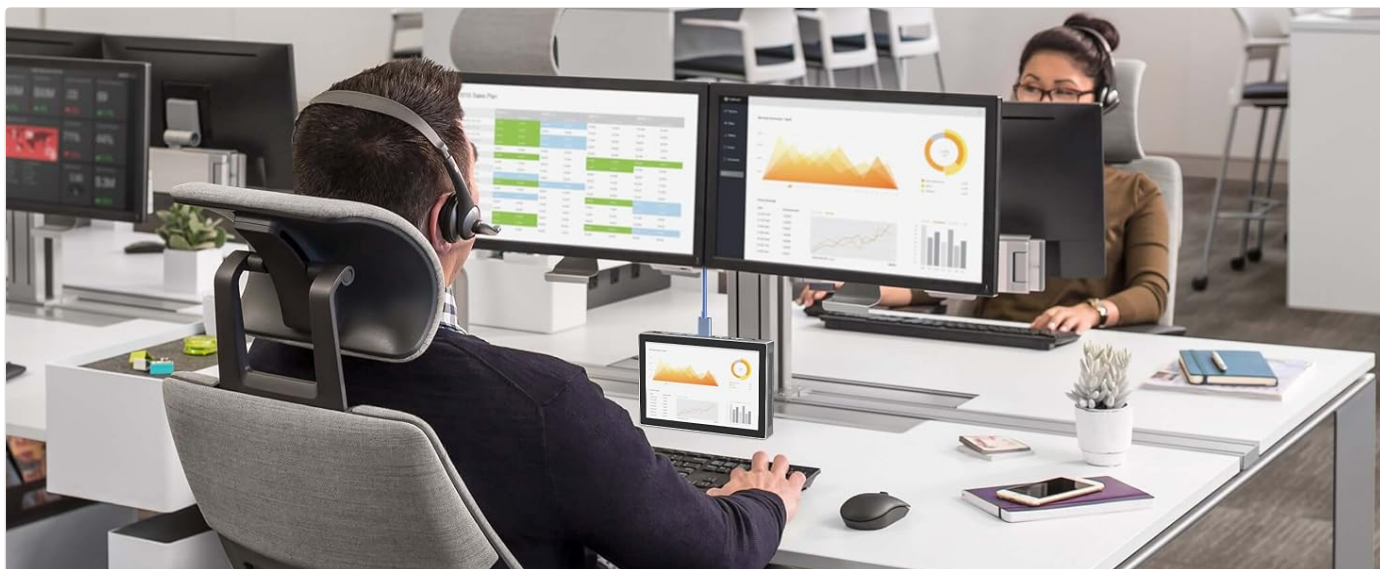


Image: The Mini PC integrated into a modern office workspace, demonstrating its suitability for professional use.

11. Troubleshooting

If you encounter any issues with your Mini PC, please refer to the following general troubleshooting tips:

- **No Power:** Ensure the power adapter is securely connected to both the device and a working power outlet. Try a different outlet if necessary.
- **No Display:** If using an external monitor, check the HDMI/USB-C cable connections and ensure the monitor is powered on and set to the correct input source.
- **Network Issues:** For Wi-Fi, check if the Wi-Fi adapter is enabled in Windows settings. For wired connections, ensure the Ethernet cable is properly connected to both the Mini PC and the router/modem.
- **Device Overheating:** While designed with a cooling fan, prolonged intensive use may cause the device to warm. Ensure proper ventilation around the device.
- **Windows Update Problems:** If Windows updates cause issues, allow the update process to complete fully. If problems persist, consider using Windows recovery options or contacting support.

For more specific issues, please contact HIGOLEPC customer service.

12. Specifications

Feature	Specification
Processor	12th Gen Intel Alder Lake-N100 (up to 3.4GHz)
RAM	16GB DDR4
Storage	512GB ROM (eMMC)
Operating System	Windows 11 Pro (supports Debian, Ubuntu, Linux)
Screen Size	7 Inches
Max Screen Resolution	1280x720 Pixels
Graphics	Integrated Intel UHD Graphics
Video Output	1x HDMI 1.2 (4K@60Hz), 1x Full-Functional USB-C (4K@60Hz)

Feature	Specification
USB Ports	2x USB 2.0, 2x USB 3.2
Network	Wi-Fi 5 (802.11ac), Bluetooth 5.0, Dual 2.5GbE LAN
Battery	5000mAh Lithium Polymer (approx. 3 hours average life)
Storage Expansion	Micro SD card slot (up to 512GB)
Dimensions	10.43 x 0.37 x 5.17 inches
Weight	1.7 pounds

13. Warranty and Support

HIGOLEPC provides a **1-year warranty** for this product. Additionally, lifetime technical support and 24/7 customer service are available to ensure a satisfactory user experience. For assistance, please contact HIGOLEPC customer support through their official channels.

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