GL.iNet GL-RM10

GL.iNet Comet Pro (GL-RM10) Remote KVM Over Wi-Fi Instruction Manual

This manual provides detailed instructions for setting up, operating, and maintaining your GL.iNet Comet Pro (GL-RM10) Remote KVM device. Please read thoroughly before use.

1. Setup

1.1 Unboxing

The GL.iNet Comet Pro (GL-RM10) package includes the following items:

- 1x GL-RM10 Comet Pro device
- 2x USB cables
- 2x HD cables
- 1x Ethernet cable
- 1x Power adapter
- 1x US plug



Image: GL.iNet Comet Pro device and its accessories, including cables and power adapter.

For a visual guide on unboxing, please refer to the video below:

Video: Unboxing the GL.iNet Comet Pro (GL-RM10) device, showing all included components.

1.2 Physical Connections

Connect the GL.iNet Comet Pro to your target computer (Device B) and power source.

- **Power:** Connect the provided USB-C cable to the +5V 2A port on the Comet Pro and the power adapter.
- **Video Input:** Plug one end of an HD cable into the HD IN port on the Comet Pro and the other end into the HDMI output of your computer.
- **Keyboard & Mouse:** Connect a USB cable from the Comet Pro's K&M USB-C port to a USB port on your computer.
- **Optional Video Output:** If you require a local display at the device's location, connect a second HD cable from the HD OUT port on the Comet Pro to your monitor. This allows simultaneous local and remote display.



Image: Rear view of the GL.iNet Comet Pro showing labeled ports for USB 2.0, Ethernet, HD Out, Reset, +5V 2A (power), and HD In.



Image: The GL.iNet Comet Pro connected to a computer, showing cables for power, HDMI input, and USB for keyboard/mouse.

1.3 Network Configuration

The Comet Pro supports both wired (Ethernet) and wireless (Wi-Fi 6) connectivity. Wi-Fi and Ethernet can be configured simultaneously, with Ethernet being prioritized for faster speeds.

- **Wi-Fi:** Use the built-in 2.22-inch touchscreen to connect to your 2.4 GHz or 5 GHz Wi-Fi network.
- **Ethernet:** Plug the provided Ethernet cable into the Ethernet port on the Comet Pro and connect it to your network source.



Image: The GL.iNet Comet Pro connected wirelessly via Wi-Fi 6, eliminating the need for extensive cabling.

1.4 Initial Setup

Upon first boot, the touchscreen will guide you through setting up a screen password and configuring your network connection.

Video: A step-by-step guide on the initial setup of the GL.iNet Comet Pro, including password and network configuration.

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2. Operating Instructions

2.1 Remote Access Methods

The Comet Pro offers flexible remote access options:

- **Web-based Cloud Control:** Access your device through a web browser from any Windows, macOS, or Linux

system without installing software.

- **GLKVM App:** Utilize the dedicated GLKVM app available for Windows, macOS, iOS, and Android devices for full hardware-level access.
- **Built-in Tailscale:** Leverage Tailscale for secure and efficient data transfer between devices, ideal for various networking scenarios.

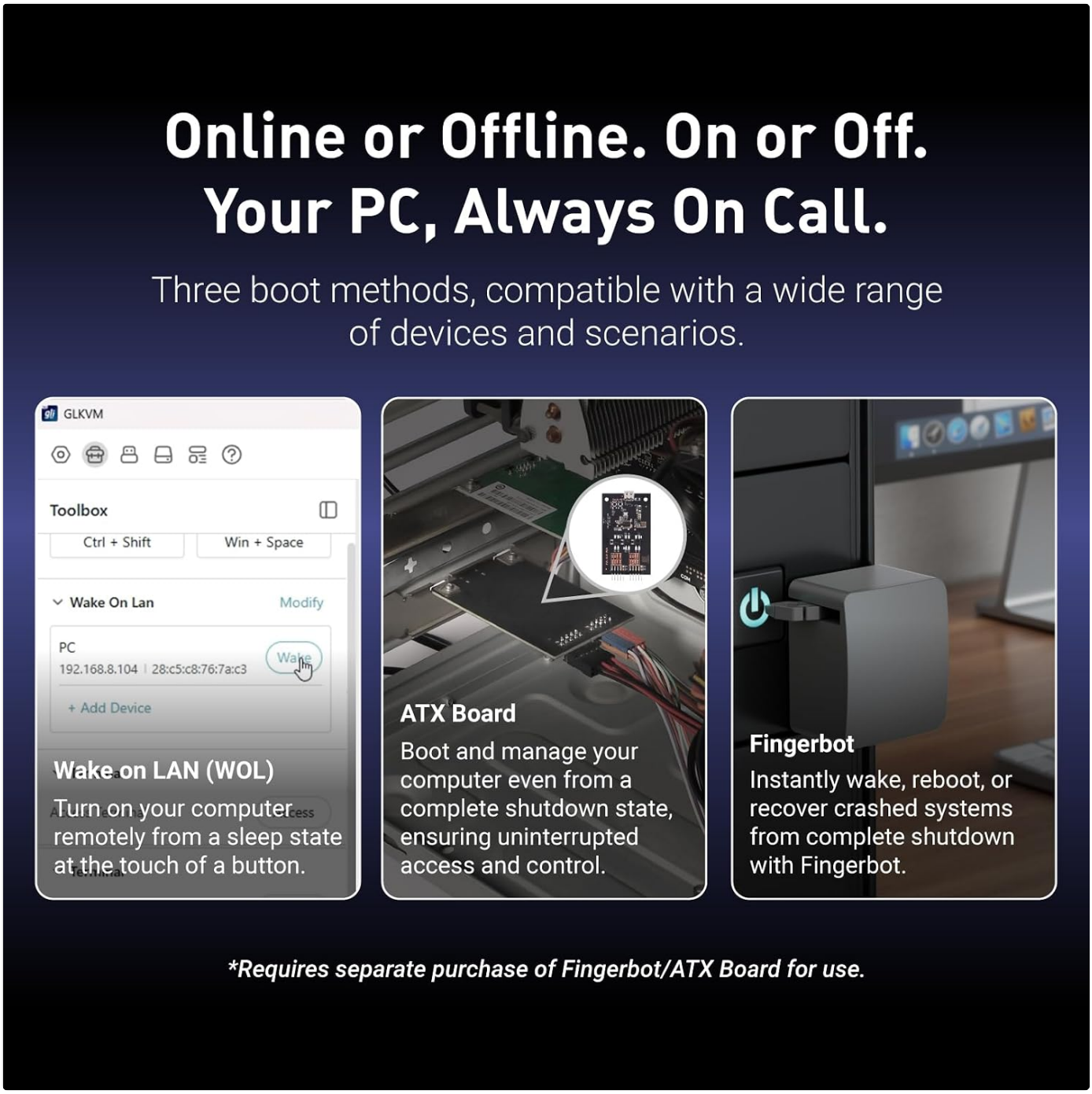


Image: The 2.22-inch built-in touchscreen displaying network information and control options.

2.2 4K Video Passthrough & Two-Way Audio

The GL-RM10 supports 4K@30FPS video passthrough, providing ultra-clear, low-latency streams. It also features two-way audio for clear voice interaction, suitable for remote meetings and IT support.



Image: A computer monitor displaying 4K content, with the GL.iNet Comet Pro connected for video passthrough.

2.3 File Transfer & Virtual Media

The Comet Pro allows for remote file transfer and the mounting of virtual media. This enables tasks such as OS reinstallation or transferring large files to the controlled device.

2.4 Accessories (ATX Board/Fingerbot Support)

For enhanced remote control, extensions like the ATX Board or Fingerbot (sold separately) can be attached. These provide the ability to remotely power on/off or hard reset devices, crucial for disaster recovery scenarios.



Image: Diagrams illustrating the use of ATX Board and Fingerbot accessories for remote power control and system recovery.

2.5 Wake-on-LAN (WoL)

The device supports Wake-on-LAN functionality, allowing you to remotely power on a computer from a sleep state.

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3. Maintenance

3.1 Firmware Updates

GL.iNet provides consistent firmware updates to improve system stability, security, and user experience. It is recommended to keep your device's firmware up-to-date.

3.2 Resetting the Device

A reset button is available on the device for factory reset or troubleshooting purposes. Refer to the device's port diagram for its location.

4. Troubleshooting

If you encounter issues, consider the following:

- **Connection Issues:** Ensure all HDMI, USB, and Ethernet cables are securely connected. Verify Wi-Fi connectivity via the touchscreen.
- **Power Issues:** Confirm the power adapter is correctly plugged into the +5V 2A port and a working power outlet.
- **Remote Access Problems:** Check your local network settings and ensure the Comet Pro has a valid IP address. For cloud access, verify your GLKVM account status.
- **Display/Video Issues:** Ensure the HD IN cable is connected to the computer's video output. If using HD OUT, verify the connection to your local monitor.

5. Specifications

Feature	Detail
Model Number	GL-RM10
Dimensions (L x W x H)	3.3 x 1.85 x 3.7 inches
Item Weight	1.1 pounds
Connectivity Protocol	Wi-Fi (Dual-Band Wi-Fi 6)
Video Passthrough	4K@30FPS
Touchscreen	2.22-inch built-in
Storage	32GB eMMC
RAM	1GB DDR3L
Ethernet	Gigabit (1Gbps)
Power Input	5V 2A (USB-C)
Compatible Devices	Windows, macOS, Linux, iOS, Android, Linux server, Ubuntu server
Control Method	App, Web
Material	Plastic

6. Warranty and Support

6.1 Warranty

The GL.iNet Comet Pro (GL-RM10) comes with a 2-year coverage period.

6.2 Technical Support

For further assistance, detailed instructions, and updated information, please visit the official GL.iNet website or refer to their online support documents. You can also reach out via:

- **Email:** support@gl-inet.com
- **Discord:** link.gl-inet.com/discord-support
- **Reddit:** link.gl-inet.com/reddit-support
- **Forum:** forum.gl-inet.com

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