

Datasheet (GL-RMQ1)

Comet Q All-in-One USB-C Remote Control



The Comet Q (GL-RMQ1) is a compact, plug-and-play device that enables remote control of USB-C devices, including phones, tablets, laptops, mini PCs, and more. This is the first device that allows users to remotely control iOS devices using either a web browser or the GLKVM app, without installing software on the controlled device.

Designed for technical users and professionals, Comet Q connects via a single built-in USB-C cable and handles video, audio, and remote input in one unit.

Highlights

Universal Hardware-level Device Control

Comet Q provides full remote access to smartphones, laptops, and mini-PCs through its built-in USB-C cable. Unlike software alternatives, it requires no root access and works without modifying the controlled device's OS or installing software on it.

The moment the hardware is unplugged from the device, any remote session ends. The hardware design eliminates background processes and software residue, providing physically verifiable security and a zero-footprint session exit.





2K Resolution Remote Display

Comet Q captures and streams the controlled device's screen in up to 2K resolution at 60 fps, delivering a smooth, clear remote-viewing experience. Video is captured directly via DisplayPort Alt Mode (DP Alt Mode) over USB-C, which means the connected device's USB-C port must support video output for Comet Q to function.

To check whether a device is compatible, refer to: [How to Check USB-C Port DP Alt Mode — GL.iNet KVM Docs](#)

*Remote streaming performance may vary depending on network bandwidth and conditions.

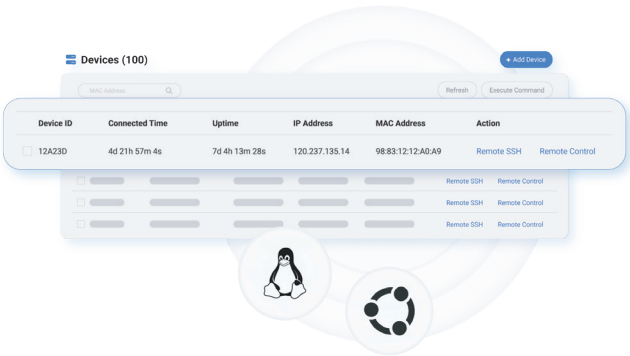
Unattended & Remote Wake-up Access

Comet Q enables full remote control even when the target device is asleep, logged out, or unresponsive. Its hardware-level integration supports remote wake-up and secure desktop navigation, ensuring users can keep devices locked when not in use to maintain visual privacy while enjoying 24/7 access.



Remote Control via Web Browser

No drivers, agents, or apps need to be installed on the controlled device. The controlling side can connect via any modern web browser, or use the optional GLKVM app for a better mobile experience.



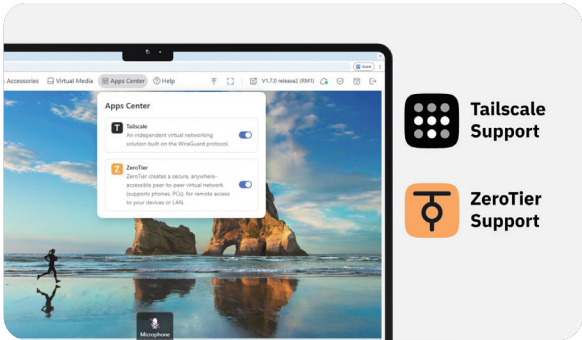
Self-Hosted Server and Deployment

For users who prefer to keep traffic off the cloud entirely, Comet Q can be accessed directly via a local area network—no internet connection required.

For those who want more control over their infrastructure, Comet Q also supports self-hosted deployment on mainstream operating systems, including Linux distributions such as Ubuntu, giving users full ownership over their data and access environment.

Flexible Remote Access via Third-party Applications

For remote access over the internet, Comet Q is not limited to the GLKVM Cloud Service. It natively supports Tailscale and ZeroTier, each of which can create an encrypted private network. Users can choose whichever option fits their existing setup.



Specifications

HARDWARE	
CPU	Dual-core ARM Cortex-A53
Memory / Storage	LPDDR4 512MB / NAND 512 MB
Wi-Fi Protocol	802.11 a/b/g/n/ac/ax
Wi-Fi	5 GHz: 286 Mbps 2.4 GHz: 286 Mbps
Internal Antenna	1 x Wi-Fi Antenna
Power Consumption	<2.5W
Dimensions / Weight	70 x 70 x 22 mm / 78.5 g 2.76 x 2.76 x 0.87 in / 2.77 oz

SOFTWARE FEATURES	
Remote Display Resolution	Up to 2K (2560x1440)@60 FPS
Operating System	Buildroot
System Function	Remote KVM Control
	Virtual Keyboard
	Clipboard
	Hotkeys
	Image Quality Adjustment
	Screen Rotation
	File Transfer
	Preset Wi-Fi
	2FA
	Tailscale / ZeroTier
	Keyboard / Mouse Pass-through

INTERFACE	
USB Port	1 x USB Type-C Cable (supports DP Alt Mode)
Touchscreen	1.8 inches
Reset Button	1 x Reset Button (hidden design; press and hold to restore factory settings)
Power Port	1 x USB Type-C (5V/3A, PD-compatible, max 15W)

CERTIFICATION

- CE
 - FCC
 - REACH
 - IC
 - RoHS
- WEEE
 - California Proposition 65
 - MIC
 - RCM
 - ERP

ENVIRONMENT

Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	5% ~ 90%, non-condensing
Storage Humidity	5% ~ 95%, non-condensing

PACKAGE CONTENTS

- 1 x Comet Q (GL-RMQ1)
- 1 x Silicone Case
- 1 x User Manual
- 1 x Warranty Card

CONTACT US

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