

Datasheet (GL-RMQ1)

Comet Q

All-in-One USB-C Remote Control



The Comet Q (GL-RMQ1) is a compact, plug-and-play hardware that enables remote control of USB-C devices, including phones, tablets, laptops, mini PC, and more. Either from browser or the GLKVM app, this is the first device to support remote control of iOS devices without software installation on the controlled side.

Designed for both technical and professionals, Comet Q connects via single built-in USB-C cable and handles video, audio, passthrough charging 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 at up to 2K QHD @ 60 FPS, for 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.

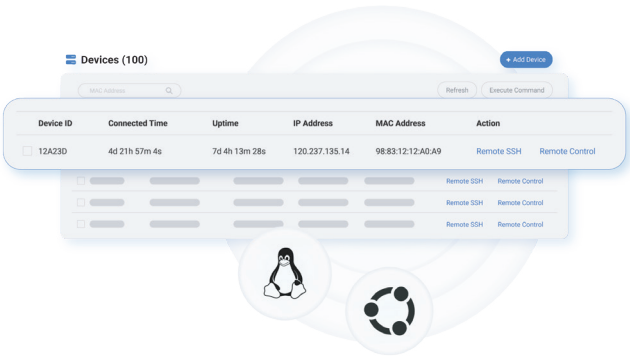
Unattended & Remote Wake-up Access

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.



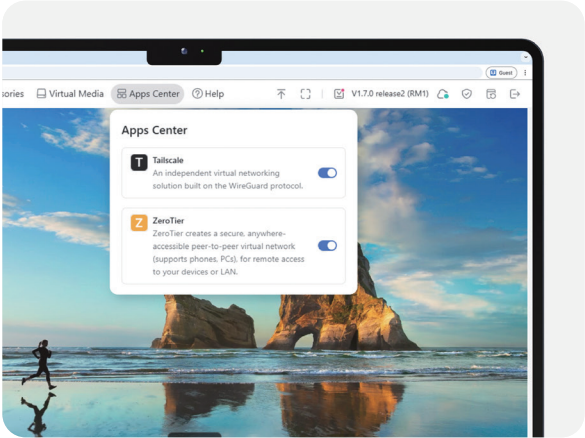
Flexible Remote Access via

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

Self-hosted Sever and Deployment

For users who prefer to keep traffice 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 and Ubuntu, giving users full ownership over their data and access environment.



Specifications

HARDWARE	
CPU	Quad-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: 286Mbps 2.4 GHz: 286Mbps
Internal Antenna	1 x Wi-Fi Antenna
Power Consumption	<2.5W
Dimension / Weight	70 x 70 x 22mm / 560g

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 Keyborad / Mouse Passthrough

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 Silicon Case
- 1 x User Manual
- 1 x Warranty Card

CONTACT US

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