

GL-XE3000

Meet Puli AX

Wi-Fi 6 Cellular Router

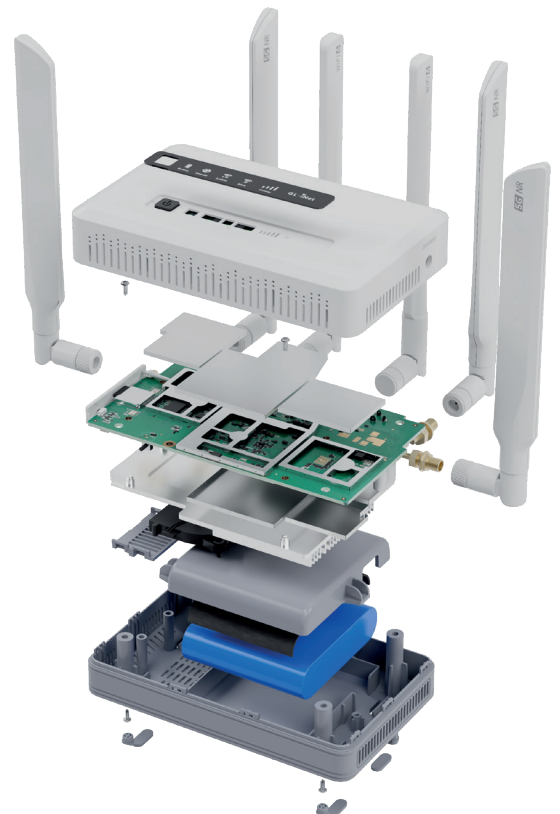


GL-XE3000 is a Wi-Fi 6 5G Cellular Router designed to offer Wi-Fi speeds of 574Mbps (2.4GHz) and 2402Mbps (5GHz), with a combined maximum Wi-Fi speed of 3000Mbps. It is designed for high-speed internet usage with a failover cellular connection, or for scenarios without a reliable source of internet.

Highlights

5G NR Connectivity

GL-XE3000 features CAT19 5G NR (New Radio) cellular connectivity, delivering a powerful boost in potential download speeds compared to 4G LTE at reduced latency. Additionally, 5G's MMTC (Massive Machine-Type Communications) technology supports high network density connections, effectively reducing delays and interruptions caused by interference.



Interchangeable Antennas

GL-XE3000 is equipped with six SMA connectors, providing the flexibility to integrate different types of external antennas for optimizing the device towards specific application scenarios.



Wi-Fi 6 802.11ax

GL-XE3000 supports the Wi-Fi 6 802.11ax standard, delivering exceptional mass device connectivity performance. It is equipped with a series of network technologies including MU-MIMO to simultaneously process multiple data streams in high-density networks, and OFDMA for efficient and low-latency data throughput.

Large Capacity Battery

GL-XE3000 has a built-in 6400mAh/7.4V/47.4Wh battery that seamlessly takes over without interruption when DC power disconnects. It has a high energy density while maintaining a lightweight and small size, and also has a long product life cycle without a battery memory effect.



Multi-WAN, Load-Balancing, Failover

GL-XE3000 features multi-WAN for increased bandwidth and better network stability, Load-balancing for optimizing bandwidth usage and avoiding network congestion, and cellular Failover to ensure an uninterrupted network. For each option, users are able to configure the priority of each connection type including Ethernet, Cellular, and Repeater.

Specifications

HARDWARE

CPU	MediaTek Dual-core, @1.3GHz
Memory / Storage	DDR4 512 MB / eMMC 8GB
Cellular	Qualcomm X62 5G modem
Wi-Fi	802.11 a/b/g/n/ac/ax, 574Mbps (2.4GHz) 802.11 a/b/g/n/ac/ax, 2402Mbps (5GHz)
External Antennas	6 x Antennas (4 for 5G NR, 2 for Wi-Fi)
Ethernet Speed	10/100/1000/2500 Mbps
Power Consumption	<14W
Battery	6400mAh/7.4V/47.4Wh
Exterior Material	PC + ABS Plastic
Dimension / Weight	155 x 95 x 49mm / 761g

SOFTWARE FEATURES

Operating System	OpenWrt
Network mode	Routing, AP, Wireless Bridge, Wired Bridge
Ethernet Dialing Mode	DHCP, Static, PPPoE
Repeater Mode	Scans and connects to SSID Connects to hidden SSID
5G Modem	Sets AT command Automatic / Manual setting Receives SMS Display signal strength

Wireless Configuration	Switching on and off wireless AP Modifying and hiding SSID Modifying encryption mode and password Channel modification Bandwidth modification Modifying transmission power Guest SSID
Display Flow Statistics <i>(Cloud Platform Required)</i>	Display product model, name, IP address, MAC address Current rate Flow statistics QoS settings
Client List	Show current connected clients Disable a client (no internet access)
Firewall Function	Port forwarding, open port, DMZ
VPN	OpenVPN client & server WireGuard client & server Maximum OpenVPN Speed: 150Mbps Maximum WireGuard Speed: 300Mbps Policy routing
System Function	Restart Restore factory settings Change IP address range on LAN side Change time zone MAC address clone Encrypted DNS DDNS Cloud remote management Remote web management Remote SSH management Installing / uninstalling packages Drop-in Gateway mode Multi-WAN

INTERFACE

Ethernet Port	1 x 2.5G WAN, 1 x 1G LAN
TF Card Slot	TF card, maximum 1TB
SIM Card Slot	2 x Nano SIM card (12.3mm x 8.8mm)
USB Port	USB2.0 Type-A
LED Indicator	Power / Battery / Internet / 2.4G Wi-Fi / 5G Wi-Fi / Signal Strength
Reset Button	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings
Power Port	DC5521, 12V/2.5A (5.5*2.1mm) [default adapter] / 9~16V

CERTIFICATION

- CE
- FCC
- ROHS
- CP65
- UKCA
- IC
- WEEE

ENVIRONMENT

Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-20 ~ 45°C (-4 ~ 113°F)
Operating Humidity	5%~95%, non-condensing
Storage Humidity	5%~95%, non-condensing

PACKAGE LIST

1 x GL-XE3000 Router
1 x Power Adapter + 4 Converters (US, EU, UK & AU)
2 x Wi-Fi Antennas
4 x 5G NR Antennas
1 x Ethernet Cable
1 x User Manual
1 x Warranty Card
1 x Wall Mount Kit

CONTACT US

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