

eVO5G FLEX



FWA Partners
ENABLING WIRELESS ACCESS

Introducing the groundbreaking Evo 5G Flex, the next-generation 5G router that sets new standards for seamless connectivity and unparalleled performance. Experience uninterrupted productivity and complete peace of mind with this versatile powerhouse.

The Evo 5G Flex revolutionizes the way your business adapts to changing circumstances, offering unmatched flexibility as both the primary Internet source and a failover backup with its built-in battery and IP Passthrough capabilities. Stay connected without compromise.



Modem

Brief	Integrated 5G NR Sub-6GHz and 4G LTE Cat 19 modem
Peak Throughput	LTE: DL 1.6 Gbps, UL 200 Mbps
	5G NSA Sub-6: DL 3.4 Gbps, UL 550 Mbps
	5G SA Sub-6: DL 2.4 Gbps, UL 900 Mbps
Bands	5G NR: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, n77, n78, n79
	LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B66, B71
	LTE-TDD: B34, B38, B39, B40, B41, B42, B43, B48
Private Cellular	Yes, supports band 48
Antennas	4x Included External Antennas

Wi-Fi

Wi-Fi Standard	Wi-Fi 6 (802.11ax), MIMO: 4x4 MU-MIMO
DFS Certified	Yes
Peak Throughput	2.4GHz: 574 Mbps
	5GHz: 2402 Mbps
Antennas	2x Internal Antennas, 2x Included External Antennas

Power

Required	9 - 36VDC 2.5A Input (Power Cable Included)
Consumption	Idle: 6W
	Heavy: 14W
Battery	47.36Wh
Battery Life	Idle: 8 hours
	Heavy use: 6 hours

Ethernet

Ethernet Ports	1x LAN, 1x LAN/WAN Switchable
Speeds	LAN: 1 Gbps
	LAN/WAN: 2.5 Gbps

Hardware

CPU	MediaTek Dual-core MT7981A, at 1.3GHz
Memory	DDR4 512MB
Storage	8GB eMMC

Certifications

CE, FCC, RoHS, UKCA, WEEE, IC, CP65, AT&T, T-Mobile

Physical

Size	6.10in x 3.74in x 2.17in (155mm x 95mm x 55mm)
Weight	1.7lbs (771g)
Mounting	Wall Mount, Drop Ceiling, Adhesive
Temperature	Operating: 32 - 104°F (0 - 40°C)
	Storage: -4 - 158°F (-20 - 70°C)
Humidity	Operating: 5 - 95% non-condensing
	Storage: 5 - 95% non-condensing

Package List

1x Evo 5G Flex Router
1x Power Adapter
2x Wi-Fi Antennas
4x 5G NR / 4G LTE Antennas
1x Ethernet Cable
1x User Manual
1x Warranty Card
1x Wall-Mount Kit
1x Adhesive Window Mount

Features

Remote Access & Cloud Portal	A remote access and cloud management portal, providing users with data-usage monitoring and an admin panel for troubleshooting and remote configuration.
Load Balancing	Allows users to distribute bandwidth among multiple connection methods, prioritizing data among preferred connections.
Network Storage	Just add a flash drive or TF card, enable shared folders, and you can add the device to windows as a shared folder between multiple computers to simulate a NAS.
Unlocked OS	The The Evo 5G Flex runs our proprietary firmware based on OpenWrt. It presents a user-friendly interface for normal users, but still has unlocked access for advanced users for edge computing.
Optional ZeroTier Functionality	An SD-WAN solution for small businesses. Build virtualized networks in the cloud.
Optional AdGuard Functionality	Blocks ads on all client devices connected to the device with customizable DNS filters.

Support & Sales

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