

SUNCOMM Smart 5G Wi-Fi

MFX62

Wireless and Borderless Connection



Overview

MFX62 5G Wi-Fi is a portable, broadband wireless device that functions as a modem, router and access point all in one.

An internal modem can access a single wireless signal, and an internal router can share the connection between multiple users and wireless devices.

Support for multiple users at the same time, including digital cameras, laptops, games and multimedia players, all Wi-Fi-enabled devices can access the Internal. 5G Wi-Fi can be used to set up specific networks and share network connections anywhere via cellular connections.

Plug in a 5G SIM card and convert the 5G signal to high-speed Wi-Fi so that non-5G devices can also enjoy 5G high-speed

Features



- 5G NR: DL/UL 2.16Gbps/900Mbps
- 5G ENDC: DL/UL 3.16Gbps/550Mbps



- 2.4GHz: 11b/g/n/ac/ax 2*2
- 5GHz: 11a/n/ac/ax 2*2



- Li-ion Battery 5000mAh



- TFT LCD
- 2.4 inch touch screen

Appearance



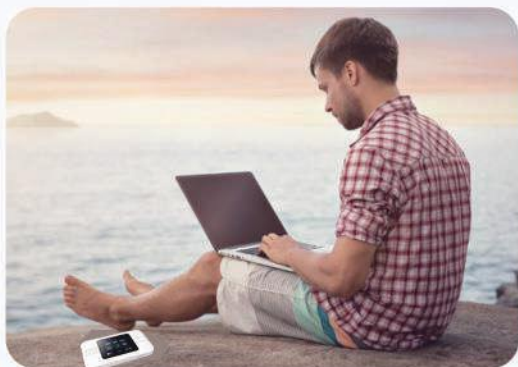
Application Scenarios



Business Trip



Entertainment



Outdoor Office



Conference

Specification

Basic Information	Dimension	About 133.5*71*17mm
	Weight	About 200g
	Color	White
Air Interface	Technical Standard	Release 16
	Frequency	EA: 5G SA/NSA: N1/N3/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78 LTE: FDD: B1/B3//B7/B8/B20/B28 TDD: B38/B40/B41/B42/B43
	Wi-Fi	Protocol: 2.4GHz: 11b/g/n/ac/ax 2*2 5GHz: 11a/n/ac/ax 2*2 Channel: 2.4GHz: 1~13(Disable 1-4 channel if there has B40) 5GHz: CH36-CH64 CH100-CH140 Bandwidth: 2.4GHz: 20/40MHz 5GHz: 20/40/80MHz(120MHz)
Performance	Maximum Data Throughput	5G NR: MAX DL 2.16Gbps MAX UL 900Mbps(120MH) 5G NR LTE ENDC: MAX DL 3.16Gbps MAX UL 550Mbps 4G: MAX DL 1.6Gbps MAX UL 200Mbps Wi-Fi: 2.4GHz MAX 574Mbps 5GHz MAX 1201Mbps(2402Mbps)
Hardware	Receive Diversity	Support
	RF Chipset	Qualcomm Dual SDR735
	BB Chipset	Qualcomm SDX62
	Wi-Fi Chipset	WCN6856
	Memory	8Gb+8Gb
	USB Charging	Type-C
	Battery	Li-ion Battery 5000mAh
	USIM/SIM	4FF SIM card
	LCD	TFT LCD, 2.4inch touch screen
	Antenna	Default Internal Antenna, total 9:4G/5G x 7, Wi-Fi x 2
	Buttons	POWER, Reset
	ESD	ESD Protection circuit: Contact±8KV, Air±10KV
Software	SW Update	Local Update, Fota
	Wi-Fi Security	OPEN & WPA2-PSK & WPA-PSK/WPA2-PSK & WPA3
	IPv4/IPv6	Support
	Firewall	Mac/IP address filter, Port forwarding, Wi-Fi Black/White list
Environment	Operating Temperature	Normal:0°C ~ 45°C (Performance will be limited when Temp >30°C)
	Storage Temperature	-20°C ~ 60° C
	Humidity	5%~ 95%