



MOWILINK

5G850X

WiFi 6 AX1800

SA/NSA



5G

4G



WiFi



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5G850X

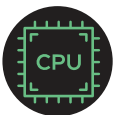
WiFi 6 AX1800

SA/NSA



MOWILINK 5G850X indoor supports NR (SA&NSA), TDD-LTE and FDD-LTE cellular network, it comes with 1x1Gigabit WAN/LAN port, 1x1Gigabit LAN port and 2.4G/5G dual-band WiFi6. This device is suitable for home and commercial scenarios that require rapid deployment of WiFi hotspots and wired broadband networks, it brings you high speed WiFi wherever you want.

FEATURES



HIGH PERFORMANCE PROCESSOR

MTK7621 high performance dual-core CPU ensures the high speed processing performance.



ULTRA-FAST 5G SPEED UP TO 3.47GBPS

It supports 5G/4G/3G full networks and SA&NSA modes. Built-in 4 cellular antennas ensure the best signal is received wherever it is placed.



SUPER-FAST WIFI UP TO 1.8GBPS

Supports WiFi6 and the WiFi speed is up to 1.8Gbps (1200Mbps on 5Ghz and 573Mbps on 2.4Ghz).



EFFICIENT HEAT DISSIPATION

High conductivity materials, streamlined shape, top chimney design and cooling fan greatly improve the heat dissipation effect and ensure long time high-speed and stable operation.



AESTHETIC DESIGN AND PORTABLE SIZE

The aesthetic appearance makes 5G850X fit your surroundings nicely and neatly, portable size brings you the high-speed internet wherever you want.



PLUG AND PLAY

The device could automatically fix network problems in real-time without manually restarting or reconfiguring the network, makes it easier to access the Internet.

Cellular Parameters	
Frequency band	Standard version: 5G NR: N1/3/5/7/8/20/28/38/40/41/75/76/77/78 LTE FDD: B1/3/5/7/8/20/28/32 LTE TDD: B38/40/41/42/43 WCDMA: B1/5/8 Optional version: 5G NR: N1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/ 40/41/48/66/70/71/75/76/77/78/ 79 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/ 28/29/30/32/66/ 71 LTD-TDD: B34/38/39/40/41/42/43/ 48 LAA: B46 WCDMA: B1/2/4/5/8/ 19
MIMO	5G NR: DL 4×4 MIMO, UL 2×2 MIMO LTE: DL 4 × 4 MIMO
Theoretical Bandwidth	5G NR : DL 3.47 Gbps ,UL 900M bps LTE: DL 1.6Gbps (CAT19) UL 211Mbps (CAT18)
WIFI Parameters	
WIFI Protocol	IEEE802.11 a/b/g/n/ac/ax (WIFI6)
WIFI Frequency Band	2.4GHz+5GHz
Theoretical Bandwidth	5GHz 4x4MIMO 11ax, 1.2Gbps 2.4GHz 4x4MIMO 11ax, 0.573Gbps
Channel Bandwidth	20MHz, 40MHz, 80MHz
Hardware	
CPU	MTK7621 CPU@880MHz,Dual-core
5G Chipset	Qualcomm SDX62 or SDX55
Flash	128MB
DDR3	512MB
Software	
Network Status	Signal strength Network type(5G/4G) SIM card status , Wi Fi Status , LAN Status
System Status	APN/DHCP/WiFi information, Memory details, Version/Device information Internet Settings
Internet Settings	Network mode setup, Data switch, Roaming setup
APN Setup	APN name, Nat Switch on APN bear, PDP(IPV4/IPV6/IPV4V6), MTU size
SIM Card	PIN Management SIM card Authentication
DHCP Setup	Enable/disable DHCP server Configure DHCP IP Pool Configure DHCP Lease Time
Static Route	Route Setup on WAN/LAN interface
DDNS	Support
Band Lock	Support
PCI Lock	Support
Cell Lock	Support

Carrier SIM Lock	Support
VPN	PPTP, L2TP, IPSEC, Wireguard, Zerotier
Backup/restore	Encryption backup current settings and restore the backup settings (Export/Import Configuration)
Voice (optional)	Support VoLTE and VoNR
Work Mode	NAT/Router mode
Device Management	
Software Update	WebUI update TR069 update
TR069 (optional)	HTTP/HTTPS Supports upload / download the ACS specified file Support download CPE configuration file Support configure & queries parameters Support remote upgrade Support cycle monitor
SNMP (optional)	Support
Diagnostics	Ping/Trace/TCP Dump Export current diagnosis results and operation logs
Power Supply	
Standard Power Supply	DC 12V/3A
Power Supply Range	DC 9~24V
Working Current	< 1.1A (12V)
Interfaces	
LAN/WAN Port	1 x 1 Gigabit Ethernet (RJ45), auto MDI/MDIX
LAN Port	1 x 1Gigabit Ethernet (RJ45), auto MDI/MDIX
Indicator	Signal, 5G, 4G, WIFI, Power
SIM/UIM Card	Nano SIM, Compatible with eSIM card
Power Interface	Three core DC locomotive power socket, built in power reverse protection
USB Port	Type C 2.0
Reset Button	Reset the parameters to default setting
Physical Characteristics	
Outer Shell	ABS Material, protection level IP30
Dimensions	178x98x98 mm
Weight	680g
Operating Temperature	-10~+50°C
Storage Temperature	-40~+85°C
Humidity	95% (No condensing)

INDICATORS & INTERFACES

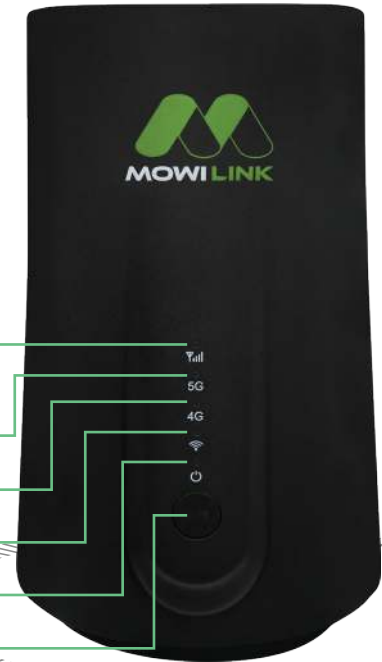


Power Button

LAN/WAN Port
(Gigabit RJ45)

LAN Port
(Gigabit RJ45)

Power



Cellular network

5G

4G

WiFi

Power

WPS

Full

5G

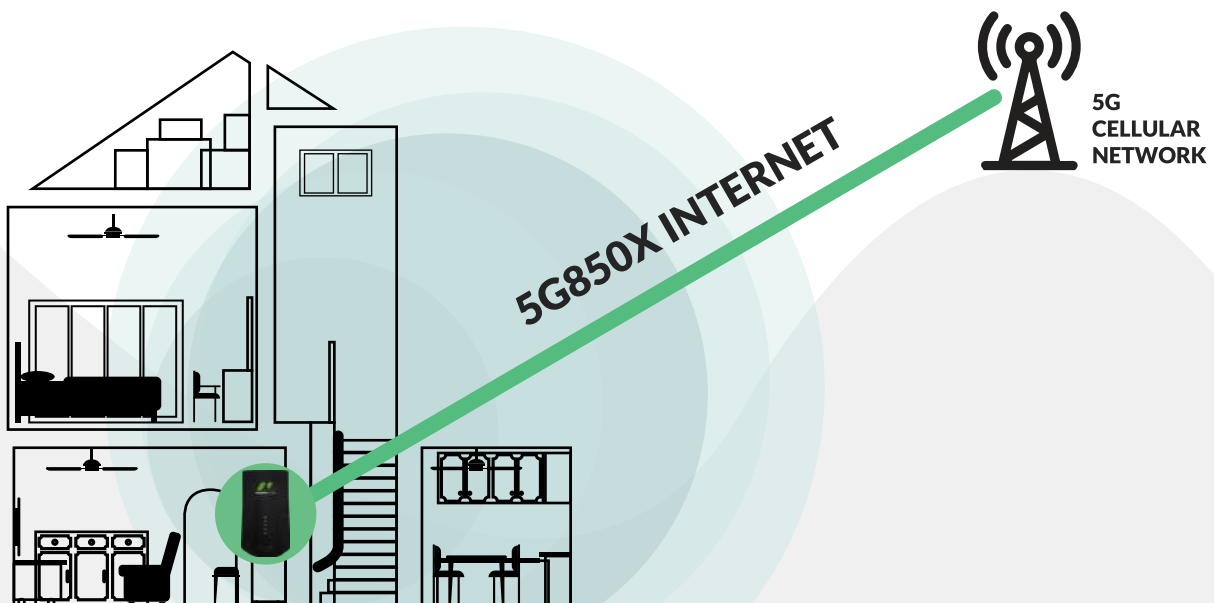
4G

WiFi

Power

WPS

ENJOY HIGH SPEED INTERNET WHEREVER YOU WANT



500 East Broward Blvd
Suite 1800
Ft. Lauderdale, Florida
33394



www.mowilink.com