

# 5G MiFi

CP30U

- 3GPP Release 15
- 9000mAh lithium Battery
- Wi-Fi 6, AX600



CP30U is a cost-effective, portable 5G MiFi that can provide 5G network access for individuals, families, small shops, industrial applications and other entities anytime and anywhere in network coverage areas.

Based on the Unisoc 5G solution, fully covering the domestic operator LTE and NR frequency bands. NR MIMO supports 1T4R and can achieve gigabit downlink rates. Wi-Fi solution uses AIC8800D80P, supports 2.4G Wi-Fi and 5.8G Wi-Fi, supports Wi-Fi 6, and the Wi-Fi wireless rate level supports up to AX600.

In addition, has NFC function(optional), supports one-touch networking, and also supports NAT, DHCP, firewall and VPN functions.

Note: Built-in eSIM and NFC are customized options and are not supported by the default version.



## 5G Chipset

- Unisoc IVY510
- LTE / NR



## High Transmission Rate

- 4G: 200Mbps(DL) 150Mbps(UL)
- 5G: 2.4 Gbps (DL) 500 Mbps(UL)  
(theoretical value,, actual speed depends on the operator)



## DBSC Wi-Fi 6

- 802.11 a/b/g/n/ac/ax
- 20MHz / 40MHz / 80MHz
- Max 12 Users Connection



## High Gain Antenna

- 4 \*Built-in 4/5G antennas
- 1 \*Built-in Wi-Fi/BT antennas
- Antenna Gain: 3dBi



## Streamlined Design

- Dimensions:155 \*78 \*17 mm
- Weight:TBD
- Flowing freely curve shape



## Powerful Operator Function

- Support TR069
- Custom APN setup
- PCI/Band/Cell/SIM Lock function

## #Hardware

Item	Description
Chipset	Unisoc IVY510
Network mode	NR:NSA/SA, LTE:DL CAT 12, UL CAT 13
Flash	2Gb
RAM	LPDDR4x 4Gb
Indicator	Battery indicator, Data indicator, SMS indicator, 2.4G Wi-Fi indicator: 5.8G Wi-Fi indicator
Button	1.Power Button 2.Reset Key
SIM	1.SIM(4FF) Support 1.8V& 3.0V 2.ESIM(Optional)
Antenna	4* cellular directional antennas, 1*Wi-Fi/BT antenna
Dimensions	155 mm * 78 mm * 17 mm
Net Weight	TBD
Power Consumption	< 10W
Power Supply	Built-in 3.85V / 9000mAh removable rechargeable lithium battery

## #Wi-Fi

Item	Description
Wi-Fi frequency	2.4G / 5G (DBSC)
Wi-Fi mode	2.4G:b/g/n/ax 5G:a/n/ac/ax
Wi-Fi encryption method	Open, WPA2-PSK ,WPA/WPA2-PSK, WPA3-PSK, WPA2/WPA3-PSK
Wi-Fi output power@25°C	2.4G: 12dBm±2dBm; 5G: 12dBm±2dBm;
Wi-Fi antenna	1*Wi-Fi antenna
Wi-Fi channel BW	2.4G: 20MHz / 40MHz 5G: 20MHz / 40MHz / 80MHz
Wi-Fi MIMO	NA
Peak Throughput	AX600
Wi-Fi concurrent User	2.4G: 12 user or 5G: 12 user

## #NR

Item	Description
3GPP Release 15, NSA&SA	
Bands	5G: N1/3/7/8/28/40/41(38)/77(78)
Modulation	DL 256QAM, UL 256QAM
MIMO	1T4R
SCS	15kHz, 30kHz
Peak Throughput	2Gbps (DL)/500 Mbps (UL) (theoretical value, actual speed depends on the operator)
Output Power@25°C	NR FDD: 23±2dBm(PC3) NR TDD: 26±2dBm(PC2)
Antenna Gain	3 dBi

## #SOFTWARE

Item	Description
Https/Http	Support https/http
SIM card management	Support PIN code management
Diagnosis	Support the export of device running logs
Status display	Network connection status
IPV6	IPV6/IPV4 dual stack
Cell status indication	Signal strength, network type, network connection status, operator name, SIM card status
Lock cell	Support lock cell
Lock SIM	Support SIM card locking
TR069	Support
Routing Protocol	Support static routing
Firewall	Support firewall function
DMZ	Support DMZ
DHCP service	Support DHCP
DNS	Support setting automatic DNS and manual DNS
NAT	Support NAT function

## #LTE

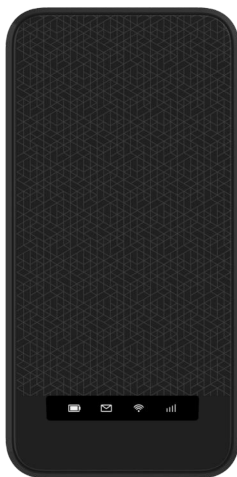
Item	Description
3GPP Release 14, LTE	
Bands	B1/2/3/5/7/8/20/28/34/39/40/41(38)/66(4)
Modulation	DL 256QAM, UL 64QAM
MIMO	1T2R
SCS	15kHz
Peak Throughput:	DL: 200Mbps UL: 150Mbps (theoretical value, actual speed depends on the operator)
Output Power@25°C	23±2 dBm(PC3)
Antenna Gain	3 dBi

## #APPEARANCE

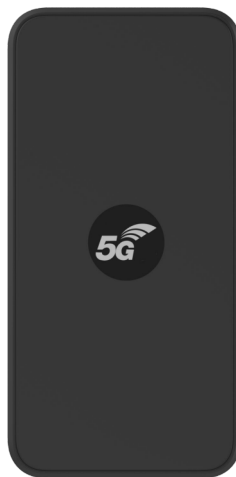
TOP VIEW



FRONT VIEW



BACK VIEW



LEFT SIDE VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

## #ACCESSORIES

Item	Spec	Description
Instructions	N/A	Instructions x 1
USB Data Cable	USB	Type -C USB, length: 20cm