



# SKY5G WIRELESS ROUTER

TCPA-117

# QUICK START GUIDE

THANK YOU FOR CHOOSING SKYMIRR

## Inserting a SIM card

- Power off device
- Insert SIM, Copper side goes down
- Push fully into slot\*



\* Need to use a tool to push in very tightly (until it "clicks") NOTE: Just using your finger is not good enough.



## 5G CPE power on

Power on with adaptor.

### LEDs:

Mood (Power) – White LED.

5G NR – Blue LED.

4G LTE – Blue LED .

WiFi – Green LED.

## Wi-Fi7 Connection



### SSID:

SkyMirr-WIFI7-xx

SkyMirr-xx-guest

### Password:

1234567890

## Access Web UI



Enter 'https://192.168.1.1'  
in your browser

Default Login **Username** : admin

**Password** : Last 8 digits of Mac  
address



## Status Overview

The status page displays:

- Carrier Network: APN, IMEI, ICCID, MDN, uptime
- Signal Strength: dBm value, quality, bars
- Data Usage: limit, used data, reset day, usage gauge
- Local Network: Wi-Fi SSID, password, connected devices



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### Product Overview

This product is a next-generation CPE (Customer Premises Equipment) supporting Wi-Fi 7 (IEEE 802.11be) technology.

It delivers high speed, low latency, and large capacity wireless networking.

**Bands:** 2.4 GHz / 5 GHz / 6 GHz (Wi-Fi 7, MLO supported)

**Capacity:** Up to 245 devices per band (max 735 devices)

**Security:** WPA3, MAC address access control

**Monitoring:** Shows connected devices by band

### Product Specifications

| Items               | TCPA117  |
|---------------------|--|
| CPU                 | Quad-Core ARM-A73 @2.2GHz, 1024KB cache  |
| Memory              | RAM: DDR4 2GB<br>FLASH: SPI-NAND 256MB   |
| 5G NR               | 3GPP release 16, sub-6, 4x4 MIMO, multi carrier component, up to 100MHz BW   |
| WiFi7               | IEEE 802.11 a/b/g/n/ac/ax/be, 4x4 MU-MIMO, four 2.4GHz + two 5GHz + two 6GHz concurrently, 20/40/80/160/320MHz bandwidth, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM |
| Ethernet Port       | One 2.5G Ethernet WAN port<br>One 2.5G Ethernet LAN port   |
| USB Port            | USB 3.0 type-C port  |
| LED                 | Mood (Power) – White LED<br>5G NR – Blue LED<br>4G LTE – Blue LED<br>WiFi – Green LED  |
| USIM                | Nano USIM (4FF)  |
| Power               | DC 12V/3.5A adapter, 100~240VAC, 50/60Hz   |
| Ambient Temperature | 0°C ~ 50°C   |
| Dimension (WxHxD)   | 177 x 184 x 120 mm   |



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## Warranty Information

### Free Repair Period:

1 year from purchase date covered when used under normal conditions.

### Paid Service Cases:

| Condition             | Description                                     |
|-----------------------|---|
| △ Mishandling         | Damage caused by customer's improper use        |
| ⚡ Natural Disaster    | Fire, earthquake, flood, lightning, etc.        |
| 🔧 Unauthorized Repair | Disassembly or repair by non-authorized service |
| 📄 Warranty Lost       | Warranty certificate not provided               |
| ✘ Other               | Any case not covered by free warranty policy    |

