



5G CPE

C23N

UWIN TECHNOLOGIES Co., Ltd





# 1. Product Features

- Strong expansion ability
- Support high-speed and stable wired network
- Excellent and stable Wi-Fi experience
- Support 2.4GHz/5.8GHz dual-band wireless network
- Support WiFi 6, 802.11 b/g/n/ac/ax
- MU-MIMO provides high speed to multiple devices at once
- Support NSA/SA, LTE-FDD/LTE-TDD/HSPA+

# 2. Technical Specifications

|                     |   |   |
|---------------------|---|---|
| Memory              | RAM   | 256MB   |
|                     | FLASH   | 16MB  |
| CPU                 | UNISOC V510   |   |
| Wi-Fi               | EA6621QF  |   |
|                     | Wireless type supported: IEEE 802.11b/g/n/ac/ax;<br>Max phy rate up to 3000Mbps, 2.4Ghz 574Mbps and 5Ghz 2400Mbps |   |
| Interface           | Ethernet interface: 10/100/1000M adaptive LAN * 3, WAN * 1  |   |
| Sim Card            | 1   |   |
| Button              | Reset   |   |
| LED                 | Red and green lights (can be defined according to functional requirements)  |   |
| Antenna             | 4*5G+2*2WIFI 2.4G+2*2 WIFI 5.8G   |   |
| Power supply        | The output voltage  | 12V/2A  |
| Item Dimensions     | L*W*H(mm)   | 225*121.2*35mm/104*101*223mm                  |
| working environment | Operating temperature   | -20°C ~ 70°C                                  |
|                     | Storage temperature   | -20°C ~ 70°C                                  |
|                     | Working humidity  | Relative humidity: 10% ≤ 95% (non condensing) |





|                   |  |   |
|-------------------|--|---|
|                   | Storage humidity                       | Relative humidity: 95% ≤ 95% (non condensing)   |
| RF                | Antenna                                | 4*5G+2*2WIFI 2.4G+2*2 WIFI 5.8G   |
|                   | Band                                   | 5G NR: n1/20/28/41/77/78/79<br>LTE: B1/3/5/8/34/38/39/40/41<br>WCDMA: B1/5/8                                      |
|                   | Transmitter Power                      | 5G NR:<br>n41/78/79: 26dbm±2dbm<br>n1/3/5/8: 23dbm±2dbm<br>LTE: 23dbm±2dbm (B41: 26dbm±2dbm)<br>WCDMA: 23dbm±2dbm |
|                   | WiFi band                              | 2.4G & 5G   |
|                   | WiFi standard                          | WiFi6, 802.11a/b/g/n/ac/ax  |
| Working Mode      | Supports routing and NAT working modes |   |
| TR069             | Support                                |   |
| Rate and Standard | NR                                     | NSA: 2.2 Gbps (DL)/575 Mbps (UL)  |
|                   |  | SA: 2 Gbps (DL)/1 Gbps (UL)   |
|                   | WiFi                                   | 2.4G: 286Mbps 5G: 600Mbps   |
|                   | Network mode                           | 5G NR Sub-6GHz, Rel15 SA and NSA  |
|                   | WiFi Supported Security                | WPA/WPA2-PSK, WPA3-SAE, WPA2/WPA3-SAE, WPA2-PSK, WPA-PSK  |

### 3. Product appearance

