

Sumavision 5G CPE Introduction



Product Introduction

Sumavision 5G CPE is a high performance terminal for 5G network. It can convert high speed 5G signals into Wi-Fi and Ethernet cable signals, providing wireless broadband access services for users. It has a routing function and can be used simultaneously by different terminals, such as tablet, computers, and smart phones, etc.

Sumavision 5G CPE is suitable for a variety of scenarios such as homes, offices, commercial places, and other indoor areas. According to different application scenarios, it also supports multiple business functions including fixed telephone, data services, VoLTE, SMS services, security services, VPN functions, upgrade functions, management functions, etc.

Contact Us

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Features

- **Powerful**
 - ✓ Flagship 5G chipset: Qualcomm SDX55
 - ✓ Multi-antenna: Built-in 14 antennas (Wi-Fi*6+5G*8)
 - ✓ Fast rate: Up to 2400 Mbps for 5GHz, 591Mbps for 2.4GHz
 - ✓ Multi-user: Support 128 Wi-Fi users at the same time
- **Stable**
 - ✓ Good heat dissipation: Designed cooling architecture, with large metal heat sink effectively reduces chip temperature and improves system stability
 - ✓ Moderate working temperature: Maximum temperature inside the device does not exceed 45°C at normal room temperature
 - ✓ Low power consumption: General power consumption is 8-12W
- **Intelligent**
 - ✓ WPS quick start: WPS configuration quick start by one simple click
 - ✓ Easily confirm best position: Automatically locate 5G signal strength, confirm the best location through the indicator color (Green/Yellow/Red)

Technical Specifications

Product Type	Name	CM50X
	Chipset	Qualcomm IPQ8071A + SDX55
	Dimension	120*90*200 mm
5G/4G Network	5G Network Architecture	SA/NSA
	5G Peak Rate	SA: Downlink: up to 2.1Gbps; Uplink:900Mbps NSA: Downlink: up to 2.5Gbps; Uplink:650Mbps
	4G Peak Rate	LTE: Downlink/Uplink up to 1Gbps/200Mbps
	MIMO	5G: Uplink 2X2 MIMO, Downlink 4X4 MIMO LTE: Downlink 2X2 MIMO
	Frequency	5G NR NSA:

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	Band	n41/n77/n78/n79/n1/n3/n5/n7/n8/n20/n28/n38/n40 5G NR SA: n41 /n77/n78/n79 LTE-TDD: B34/B38/B39/B40/B41/B42/B43 LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32 WCDMA: B1/B3/B5/B6/B8/B19
Wi-Fi	Wi-Fi Peak Rate	Up to 2400 Mbps for 5GHz Up to 591Mbps for 2.4GHz
	Standard	802.11 b/g/n/ac/ax 5.8GHz 4*4MIMO 2.4GHz 2*2MIMO
	Encryption	WEP, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK Mixed Mode
	Supported Number of Devices	128
Interface	SIM	Nano SIM Card
	Ethernet	1GE WAN/LAN automatic adaptive 3GE LAN
	USB	USB 2.0*1
	Button	Power/WPS/Reset
	Indicator	5G(Green/Yellow/Red); 4G(Green/Yellow/Red); WLAN
	DC	12V/2A
Working Environment	Operating Temperature	-20~45°C
	Storage Temperature	-40~70°C
	Humidity environment	10%-90%(No condensation)

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