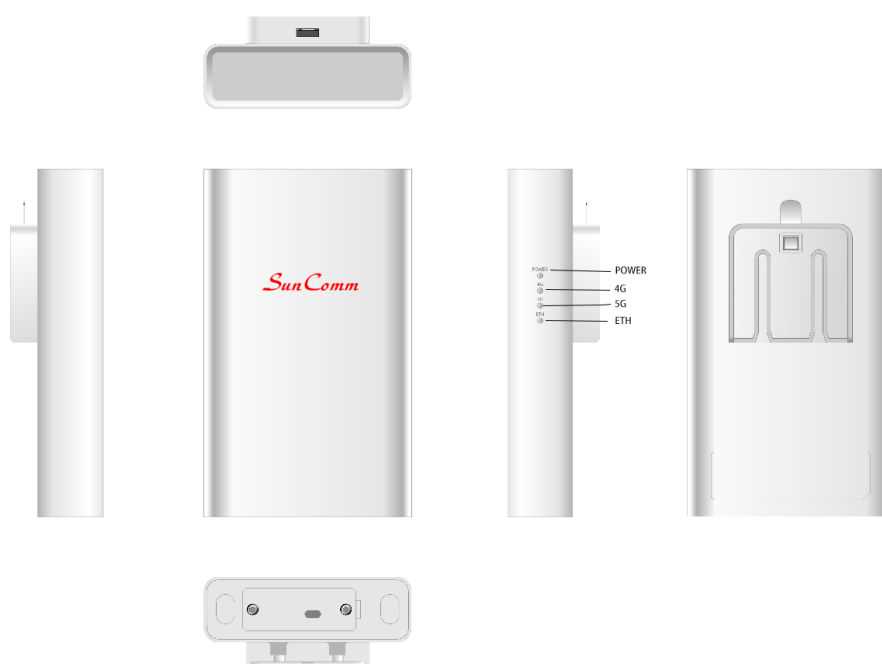




SC-5083-5GOR 5G CPE outdoor Router

[5G NR]:

n1/n3/n5/n7/n8/n20/n28/n75/n38/n40/n41/n77/n78/n79



SC-5083-5GOR is a high speed packet access Fixed Wireless Access (FWA) device. It is a multi mode wireless terminal designed for home broadband, Office and industrial park.

The **SC-5083-5GOR** can be connected via an **RJ45 Ethernet interface** to an indoor CPE or directly to a computer. Within the coverage area of **5G Sub-6 / LTE / UMTS networks**, users can access the Internet and send or receive emails wirelessly.

The **SC-5083-5GOR** delivers **fast performance, reliable connectivity, and easy operation**, making it an ideal solution for various fixed wireless applications.

Technical Standard	
Frequency (LA)	LA version: [5G NR]: n2/n5/n7/n8/n12/n13/n28/n66/n38/n40/n41/n77/n78 [LTE]: B2/B4/B5/B7/B8/B12/B13/B28/B66/B38/B40/B41/B42/B43 [UMTS]: B2/B4/B5/B8
Frequency (EA)	5G NR Sub-6G SA&NSA: EA version: [5G NR]: n1/n3/n5/n7/n8/n20/n28/n75/n38/n40/n41/n77/n78/n79 [LTE]: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43/B71 [UMTS]: B1/B3/B5/B8
Technical Standard	5G NR Sub-6G, LTE, WCDMA 5G NR Sub-6G SA&NSA
SIM	1*4FF SIM (nano card)
5G Peak Data Throughput (theoretical value)	sub6G: DL:BW 200MHz 4.6Gbps UL: BW 100MHz 0.9Gbps LTE : CAT19DL : 1.6Gbps UL:200Mbps
Receive Diversity	Support Receive Diversity
MIMO	DL 4x4 MIMO
Memory	4Gb and+4Gb LPDDR4
Power Consumption	<20W
Power Voltage	POE, 48V 0.35A POE adapter
Ethernet	2.5G LAN x 1
LED	Power Indication LED, ETH status, 5G Indication LED, 4G Indication LED
Antenna	Internal Antenna:5G/4G Gain: Band 5/8/20/28/71: 600MHz~960MHz: 2dBi B32 or n75/761400MHz~1550MHz: 3dBi Band 1/3/7/38/40/41 1710MHz~2690MHz: 5dBi B42/43or n77/78 : 3300MHz~5000MHz: 13dBi
Buttons	Reset hole

USB	USB 2.0 micro (for Debug only)
GPS	Support GPS L1
IP-Passthrough	Support
IPv4/IPv6	Support
Data Statistics	Support
Automatic APN Match	Support
Waterproof level	IP67
Bluetooth & WiFi	Support Bluetooth 5.0 used to connect the engineer APP for installation or debugging. Support Wi-Fi6 used to connect the engineer APP for installation or debugging, User can access WEBUI from Wi-Fi
SW Update	Local Update/FOTA/WebUI
ESD	ESD Protection circuit; Contact $\pm 8KV$, Air $\pm 10KV$
WebUI	Support
Install	Pole/Wall/outside window
Operating Temperature	-40°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95%

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