



SC-5088T-5GR 5G CPE indoor Router **Wi-Fi7**

[5G NR]:

FDD: N2/N5/N7/N12/N13/N14/N25/N26/N29

TDD: N41/N48/N66/N71/N77/N78



SC-5088T-5GR (WIFI 7) is a wireless router integrating NR/LTE and high-speed Ethernet uplink access, providing users with flexible data access and voice services.

SC-5088T-5GR is a multi-user 5G wireless router suitable for home and small office environments. It supports multiple users simultaneously, including digital cameras, laptops, games, and multimedia players. All Wi-Fi enabled devices can access the internet.

The 5G CPE can be used to set up specific networks and share network connections anywhere via cellular or Ethernet connections.

SC-5088-5GR adopts the Qualcomm SDX72 platform and supports 3GPP Release 17. The WIFI downlink speed is up to 4Gbps, and uplink speed is up to 0.9Gbps. It supports the newest Qualcomm Wi-Fi 7 solution.

The Wi-Fi feature can support 2.4G and 5.8G DBDC up to 7.2Gbps, and also supports EasyMesh R4 function, which can build a network connection with other Wi-Fi routers

Technical Standard

Frequency (NA)	NA version: [5G NR]: n2/n5/n12/n13/n14/n25/n26/n29/n7/n41/n48/n66/n71/n77/n78 [LTE]: B2/B4/B5/B12/B13/B14/B25/B26/B29/B7/B41/B42/B43/B48/B66/B71 [UMTS]: B1/B2/B4/B5/B8
Frequency (EA)	EA version: [5G NR]: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n71/n75/n76/n77/n78/n79 [LTE]: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43/B71 [UMTS]: B1/B3/5/8N
Wi-Fi7	2.4GHz & 5GHz, Wi-Fi2*2 MIMO, 802.11 a/b/g/n/ac/ax/be, DBDC be5000 Esay Mesh R4 is supported 5G SA NSA Mode
Maximum Data Throughput	5G NR: (DL/UL) 4.1Gbps/900Mbps LTE: (DL/UL) 1.6Gbps/200Mbps
5G LTE	3GPP Release 17 4Gbps/0.9Gbps
Receive Diversity	Support Receive Diversity
MIMO	DL 4x4 MIMO
Chipset	Qualcomm SDx72
WIFI	Qualcomm QFW7124
Memory	Modem: 8Gb LPDDR4
Power Consumption	<24W
Power Voltage	DC: 12V/1.5A
USIM/SIM	4FF SIM card support SIM/USIM/UIM, standard 6 PIN SIM card interface
LED	Power Indication LED, Wi-Fi Indication LED, 5G Indication LED, 4G Indication LED

Antenna	LTE/NR Antenna*10, Wi-Fi*2, N41/77/78/79 8dBi High Gain, Smart antenna selection, 2*TS-9 external antenna is optional (support band n38/n40/n41/n77/n78), Wi-Fi 4 antenna is optional
Buttons	Power, Reset, WPS (Easy Mesh)
Ethernet	1 x WAN + 1 x LAN 2 x 1000Base automatic adaptive port (default) 1 x 1Gbps + 1 x 1Gbps port (default)
VOICE	1 x RJ11, support VoIP/VoLTE/VoNR (optional) Connect to the telephone
Reset	Pinhole
NFC	Support NFC to connect Wi-Fi
ESD	ESD Protection circuit; Contact $\pm 8KV$, Air $\pm 10KV$
Operating Temperature	Normal: 0°C ~ +45°C
Storage Temperature	-20°C ~ +70°C
Humidity	5% ~ 95%

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