



SunComm

SunComm Technology Co., Ltd

SC-865 5G-NR CPE

**with 4G 2100MHz(B1) 1800MHz(B3) 850MHz(B5)
900MHz(B8)**



Category	Feature & specification	Description
Basical Information	Form Factor	CPE
	Dimension	215mm(High) x 105mm(Diameter)
	Weight	about 706g(TBD)
	Color	White or Black
Chip Platform	5G/LTE Modem: Unisoc IVY510, Dual-core ARM Cortex A55, up to 1.35GHz	

	WIFI: Realtek RTL8198D, Dual-core MIPS interAptiv@900MHz	
Memory	5G/LTE Modem: RAM 4Gb LPDDR4X + ROM 2Gb Nand	
	RTL8198D: RAM 2Gb DDR3 + ROM 1Gb Nand	
OS	Linux 4.4	
Support Bands	5G-NR: N1/N28/N41/N77/N78/N79	
	FDD-LTE: B1/B3/B5/B8(or B28A/B28B)	
	TDD-LTE: B34/B38/B39/B40/B41	
	Can be customized according to the customer's requirements	
Interface	DC, Power Key, WPS Key, Reset Hole, Nano SIM Solt	
	RJ45: 2 x Gigabit Port (1 LAN + 1WAN)	
LED	5 LEDs with 3 colors, Wi-Fi, 4G Signal, 5G Signal, WPS, Power	
SIM Card	1.8V/3V Nano SIM Card	
Power Supply	DC 12V/2A	
Carrier Aggregation	DL: 3CA UL: 2CA	
MIMO	5G: DL MIMO 4*4, UL MIMO 2*2	
	LTE: MIMO 2*2	
	WIFI: MIMO 2*2(5GHz), MIMO 2*2(2.4GHz)	
DL modulation	LTE: 64-QAM	
	5G Sub6: 256-QAM	
UL modulation	LTE: 64-QAM	
	5G Sub6: 256-QAM	
Peak data rate	5G: 2Gbps DL/ 1Gbps UL, LTE: 300Mbps DL/ 150Mbps UL Notes: This is maximum theory speed, depend on the network support	
Wi-Fi	802.11a/b/g/n/ac	
	2.4GHz 2x2MIMO 11n, ~300Mbps	
	5GHz 2x2MIMO 11ac, ~867Mbps	
	WIFI USER:64	
User (Maximum)	64	
Certification	Safety	SRRC/CE*/FCC*
	HSF	RoHS, REACH
Environment	Operating Temperature	Normal:-10°C to +45°C;
	Storage Temperature	-20° C to +85° C
	Humidity	5%~ 95%

SunComm Technology Co., Ltd

7F, No. 53, Jian-Kang Rd., Zhong-he Dist., New Taipei City, Taiwan 23586

www.suncommtech.com.tw; www.suncomm-4glt.com ; www.suncomm.com.tw

Tel: 886-2-3234 1496 Fax: 886-2-3234 1393 E-mail: sales6@suncomm.com.tw; sales2@suncomm.com.tw

China: www.suncomm.cn Tel: +86-136 8884 2805

