

4G CPE ROUTER

SC818

Wireless and Borderless Connection



Overview |

SC818 is a wireless gateway integrating LTE and high-speed Ethernet uplink access, providing users with flexible data access and voice services.

SC818 supports Cat 6 and multi-port user access. It is a multi-user 4G wireless gateway suitable for home or small office environment. It gives users access to the Internet.

Supported Service Functions |

- Support LTE FDD/TDD, WCDMA
- Category 6: DL 300 Mbps/UL 50 Mbps
- Support LTE 3GPP Release 10, WCDMA Release 8
- Support Europe, Middle East, Africa, Southeast Asia and Latin America
- Wi-Fi: 2.4G&5GHz, Wi-Fi 2*2 MIMO, DBDC
- IEEE802.11 a/b/g/n/ac
- Maximum Users: 32
- 1*WAN+3*LAN, 10BaseT/100Base/1000Base automatic adaptive port
- Multi APN function (Optional) for Data, TR-069 services (Optional)
- Routing mode: NAT enable (Default) / IP pass-through (Optional)
- VPN client service (L2TP, PPTP)

The actual data rate varies with network configuration.

Appearance |



Specification |

Technical Standard

Compatible with FDD-LTE, TDD-LTE, WCDMA
Default IEEE802.11 a/b/g/n/ac

Dimension

174mm*156.8mm*66.5mm

Weight

281.7g without battery
338g with battery

Operating Frequency

EA:
FDD:B1/B3/B5/B7/B8/B20/28/B32
TDD:B38/40/41/42/43
WCDMA:B1/B5/B8
SA:
FDD:B2/B4/B5/B7/B8/B20/B28/B32/B66
TDD:B38/B40/B41/B42/B43
WCDMA:B2/B4/B5

CA

Support DL 2CA

Wi-Fi

2.4G&5GHz, Wi-Fi 2*2 MIMO, DBDC
IEEE802.11 a/b/g/n/ac

Maximum Data Throughput	LTE CAT6 FDD-LTE(DL/UL) 300Mbps/50Mbps TDD-LTE(DL/UL) 223Mbps/20.4Mbps DC-HSPA+ (DL/UL) 42/5.76Mbps
Receive Diversity	Support Receive Diversity
BB Chipset	ASR1828
Wi-Fi Chipset	RTL8192FR+QCA6174A-1
Memory	Modem: 1Gb+1Gb
Power Consumption	Maximum Power Consumption: < 12W Typical Power Consumption: < 8W
Power Voltage	DC12V/1A
USIM/SIM	1*USIM Card Slot (2FF, SIM card) 3V SIM card and 1.8V SIM card. support SIM/USIM/UIM, standard 6 PIN SIM card interface eSIM is optional
LED	Power Indication LED RF Signal Strength LEDs Wi-Fi/WPS Indication LED WAN/LAN Status LED Internet Status LED
Antenna	2*internal Wi-Fi antenna 2*internal LTE antenna 2*external LTE antenna (Optional)
Buttons	Power, WPS, Reset
Battery	2920mAh (Optional)
Ethernet	1*WAN+3*LAN, 10BaseT/100Base/1000Base automatic adaptive port
SW Update	TR069 & FOTA & Local
Voice	VoLTE & VOIP & CS
IPv4/IPv6	Support
Reset	Pinhole
ESD	ESD Protection circuit; Contact±6KV, Air±8KV
VPN Pass Through	PP2P/L2TP/IPSec
Operating Temperature	Normal: 0°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity	5% ~ 95%