

Ceres 4G CAT4 4G WIFI Router WR635G-C1

Overview

WR635G-C1 is a new generation of 4G CAT4 high-performance wireless router launched by Shenzhen Ceres Technology Co., LTD. (hereinafter referred to as Ceres).It is mainly targeted at accessing network market for households and small and micro businesses. Through flexible 4G wireless network access, it can provide users with fast mobile network services anytime and anywhere.WR635G-C1 adopts ZTE(SaneChips) chip scheme to convert mobile network signals such as TDD/FDD into Wi-Fi and Ethernet signals on LAN. The user side provides 1 10/100M ethernet switchable network LAN port,1 10/100M ethernet switchable network WAN port and 1 RJ11 voice interface. It supports 2.4g wireless access and wireless transmission rate up to 300Mbps.At the same time, it supports rich software features and provides an ideal mobile network access product for the majority of small and micro enterprises and families.



External Antennas



Internal Antennas

Product Features

New hardware architecture

- 4 processor architectures: 2xCORTEX-A53, 1xZSP880 digital signal processor (DSP), 1xM0 processor (save electricity power consumption control);
- Support LTE band customization
- Extensible external double LTE omni-directional antenna
- 2x2 MIMO WIFI

Comprehensive Software Function

- Support lock function customization, flexible configuration for different operator networks
- Provide comprehensive statistics, real-time check equipment and network running status
- User-friendly traffic management functions, avoid user traffic
- Support PPTP and L2TP VPN client mode, convenient for remote access office internal network on travel or at home, easily realize remote office work
- Provide Ethernet LAN/WAN switching function to make network more stable using 4g Internet;When accessing the Internet through wired network, the network port is used as WAN port to connect to ONU and other devices,at this time, it is used as a common WIFI router to realize dual function
- WIFI Guest: Offer guest hotspot alone to make sure the security of master the WIFI password
- Prevent WIFI squatting:Real-time check equipment connection status,Kick out the WIFI squatters a key by one click
- Provide TR069 remote management, make the operator control the equipment running status better
- Provide remote FOTA upgrade function, easy for software updating

Product Specification

Hardware Specification

Basic characters	
CPU	ZX297520V3E
RAM	64MB
ROM	128MB
Interface	1* SIM port (2FF) 1* RJ45 Fast adaptive LAN/WAN Ethernet port 1* RJ11 port 1* USB2.0 port 1* Power adapter port
Button	1* WPS button 1* reset hole
LED Indicator	Power adapter LED*1 WIFI/WPS LED*1 Ethernet Status LED*1 Network Status LED*1 Signal LED*3
Dimension	120mm (W) x 150mm (L) x 50mm (H)
Weight	170 g
Power Adapter	DC12V/1A
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-25°C ~ 70°C
Operating Humidity	5% ~ 95%
Consumption	<12w
4G/3G/2G Character	
WIFI Access	TD-LTE/FDD/TD-SCDMA/WCDMA/GSM/GPRS/EDGE/EGPRS
Frequency	FDD:B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B/B66 TDD:B34/B38/B39/B40/B41 TD-SCDMA:B34/B39 WCDMA:B1/B2/B4/B5/B8 GSM:850/900/1800/1900
Data	LTE FDD:Max.150Mbps (downstream) / 50Mbps (upstream); LTE TDD:Max.130Mbps (downstream) / 35Mbps (upstream); WCDMA:Max. 21Mbps (downstream) / 5.76Mbps (upstream); TD-SCDMA:Max. 4.2Mbps (downstream) / 2.2Mbps (upstream); EDGE:Max.236.8kbps (downstream) /最大 118kbps (upstream); GPRS:Max.85.6kbps (downstream) / 85.6kbps (upstream); GSM: Max.9.6kbps (downstream)/ 2.7kbps (upstream);
Receive Sensitivity	Satisfied with 3GPP standard
Max. Output Power Consumption	LTE FDD: 23dBm±2dB; LTE TDD: 23dBm±2dB; WCDMA: 24dBm+1dB/-3dB; TD-SCDMA: 24dBm+1dB/-3dB; GSM B5/8: +33 ±2dBm(Power class 4);

	GSM B2/3: +30 ±2dBm(Power class 1);
Antenna Mode	Internal/External
Antenna Gain	2~3dBi (Internal) 3~5dBi (External)
WIFI Character	
Frequency Band	2.4GHz
Protocol	IEEE 802.11b/g/n
WIFI MIMO	2x2
Peak Rate	802.11b:11Mbps 802.11g:54Mbps 802.11n:300Mbps
Receive Sensitivity	802.11b: -85dBm 802.11g: -70dBm 802.11n: -66dBm
Max. Output Power Consumption	802.11b: 17dBm 802.11g: 14dBm 802.11n: 13dBm
Antenna Mode	Internal antenna
Antenna Gain	1.5~2dBi
Maximum user access	32

Software Specification

Characteristic	WR635G-C1
2G/3G/4G Setting	Network Connection Mode selection (automatic/manual) APN automatic/manual configuration PIN mangement SMS
IP Protocol	IPv4,IPv6
Network Protocol	DHCP service
Wireless	2.4G Multiple SSID WAP/WAP2 encryption Country/channel selection WPS
VoIP	VOLTE/CSFB
Security	DDOS TCP/PORT scan Ping to Death IP/MAC/URL filter
System service	Port forwarding UPnP DMZ DDNS
VPN	L2TP

	PPTP
QoS	MAC-based network traffic rate limit
Diagnosis	PING Trace route
Network Management	Tr069
Statistical	Operating state of equipment LTE Network status Equipment flow statistics Terminal access list
Management	Setup Wizard for quick and easy configuration Management password modification Route restart, restore factory Firmware upgrade (Local Webui/remote FOTA)
System log	System log