



WRT-1841E

LTE Cat4 CPE

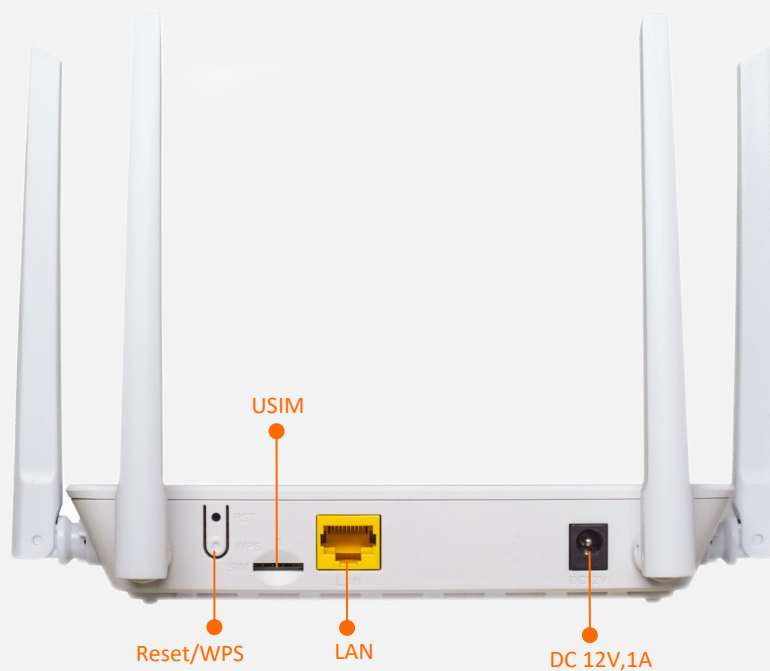
Highlights:

- LTE external antennas & WiFi external antennas
- Support Firewall: PORT Filtering/ Port Mapping
- Usage scenario: Indoor, Home, office, etc.

Introduction:

1841E LTE CPE is developed based on several worldwide proven chipset solutions, integrated with the high technologies in LTE CAT4, WIFI Hotspot, Ethernet LAN and Web-UI management.

Interface :



○ Hardware Parameter

Dimension	150mm×105mm×30mm(L×W×H)
Net weight	230g
Operating condition	Operating temp: -20°C ~ +45°C
Storing condition	Storing temp: -20°C ~ +60°C
Power adapter	DC 12V,1A
Power supply	≤12W
Interfaces	1FE+USIM+WiFi
Indicators	POWER, WiFi, WAN/LAN, DATA , LTE
Buttons	Reset/WPS

○ LTE WAN Feature

Chipset	ASR1803s
Frequency Bands	• FDD LTE: B1/B3/B5/B7/B8/B20/B28a/B28b • TDD LTE: B38/B40/B41 • UMTS: B1/B5/B8
Bandwidth	1.4/3/5/10/15/20 MHz, comply with 3GPP
Modulation	• DL: QPSK/16-QAM/64-QAM, comply with 3GPP • UL: QPSK/16-QAM, comply with 3GPP
LTE Antenna	2*External LTE Antennas
RF Power Level	• LTE: Power Class 3 (23 dBm + 2.7/-3.7dB) • UMTS: Power Class 3 (24 dBm +1.7/-3.7dB)
Data Rate	4G: 3GPP R9 Cat4, FDD: DL/UL up to 150Mbps/50Mbps, TDD: DL/UL up to 110Mbps/10Mbps 3G: 3GPP R7 DL/UL up to 21Mbps/5.76Mbps

○ WLAN Feature

Wi-Fi Frequency	2.4GHz, 1~13Channel
Transmit Power	• 17±2dBm @ 802.11b • 15±2dBm @ 802.11g • 14±2dBm @ 802.11n
Receiver input level sensitivity	• <-76dBm at the antenna port,QPSK,11Mbps,1024 Byte PSDU @ 802.11b • <-65dBm at the antenna port,64QAM,54Mbps,1024 Byte PSDU @ 802.11g • -64dBm at the antenna port,64QAM,65Mbps,4096 Byte PSDU @ 802.11n(HT20)

○ WLAN Feature

WiFi Antenna	1*External Antenna
Protocol	802.11b/g/n
Data Rate	• 802.11b:Up to 11 Mbps • 802.11g: Up to 54 Mbps • 802.11n: Up to 72.2 Mbps

○ Function Data

Interfaces	LAN: 1*RJ45 with 10/100Mbps
USIM	Single, Standard SIM slot 4FF
WebUI	System:Connection Status/Statistics/ Device Management Language : English
Router	• Support SSID • APN management • Access Control, Local Management
Security	• Support WPA2(AES)-PSK/, WPA-PSK/WPA2-PSK encryptions • Support Firewall • Firewall: Port Filtering/ Port Mapping
Operating System	• Windows 7/8/XP/10 • MAC OS 10.10+ • Andriod 10/11 • Linux Ubuntu 15.04+ • Browser IE9+, Firefox, Google Chrome, Safari, Opera