

XMC1841 LTE Cat 4 CPE



FEATURES

- 2 LTE External Antennas & 2 Wi-Fi External Antennas
- Easy to set up and manage : Web UI, TR069 remote management and FOTA support
- VPN Protocol : IP Sec VPN, PPTP VPN & L2TP VPN
- Usage Scenario : Indoor, Home, office, etc



Plug & Play



**2 x LTE Antenna
2 x Wi-Fi Antenna**



**Support
All Device**



**4G/5G + Wi-Fi
Support**



**Two LAN Ports for
external ethernet**

Technical Specification

LTE WAN Feature

Chipset	ASR1803
Frequency Bands	XMC1841-EU : • FDD LTE : B1/B3/B5/B7/B8/B20/B28 • TDD LTE : B38/B40/B41 • UMTS : B1/B5/B8 XMC1841-AU : • LTE-FDD : B1\B2\B3\B4\B5\B7\B8\B28\B66 • LTE-TDD : B40 • WCDMA : B1\B2\B4\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	MIMO : 2 X 2 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

Chipset	RTL8192ES
Wi-Fi Frequency	2.4GHz, 1~13 Channel

Transmit Power	<ul style="list-style-type: none"> • 17±2dBm @ 802.11b • 15±2dBm @ 802.11g • 14±2dBm @ 802.11n
Receiver Input Level Sensitivity	<ul style="list-style-type: none"> • <- 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) • <-61dBm at the antenna Port, 64QAM,135Mbps, 4096 Byte PSDU@ 802.11n(HT40)
WLAN Feature	
Wi-Fi Antenna	External, 2 x 2 MIMO
Protocol	802.11b/g/n, 20MHz / 40MHz
Data Rate	<ul style="list-style-type: none"> • 802.11b:Up to 11 Mbps • 802.11g: Up to 54 Mbps • 802.11n: Up to 300 Mbps
Function Data	
Interfaces	LAN/WAN : 1xRJ45 or 2 x RJ45 with 10/100 Mbps
USIM	Single, Standard SIM slot 4FF
USB	Type C I/F, Use for FW debug or ECM modem (USB RNDIS)
Web UI	System : Connection Status/Statistics/ Device Management Language : Chinese/English/Español/Português, Customized Management : TR069/FOTA FW Upgrade : USB/FOTA
Mobile Service	<ul style="list-style-type: none"> • SMS Manager • Auto Data Connection • PIN/PUK Management • Automatic APN matching according to USIM • USSD Service optional • Network Mode Selection(3G/LTE/Auto)
Router	Support SSID
L3	<ul style="list-style-type: none"> • APN management • Support IPv4/IPv6 • UPnP, DMZ • Access Control, Local Management • DHCP Server, Dynamic IP, Static IP • NAT, USSD
Security	<ul style="list-style-type: none"> • Support WPA2(AES)-PSK/, WPAPSK/WPA2-PSK encryptions • Support Firewall • PPTP VPN, L2TP VPN • VPN Pass through contains IPSecVPN, • PORT Filtering/ Port Mapping/ Port Forwarding
Operating System	<ul style="list-style-type: none"> • Windows 7/8/XP/10 • MAC OS 10.10+ • Andriod 10/11 • Linux Ubuntu 15.04+ • Browser IE9+, Firefox, Google Chrome, Safari, Opera

Certification

• CE, FCC, GCF(To be applied upon customer's requirement) • RoHS Material

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

Interface

2FE + USB + USIM + Wi-Fi4

Indicators

POWER, Wi-Fi, WAN/LAN, DATA, LTE

Buttons

Reset/WPS

