

XRC5241

LTE CAT4 CPE

Highlights:

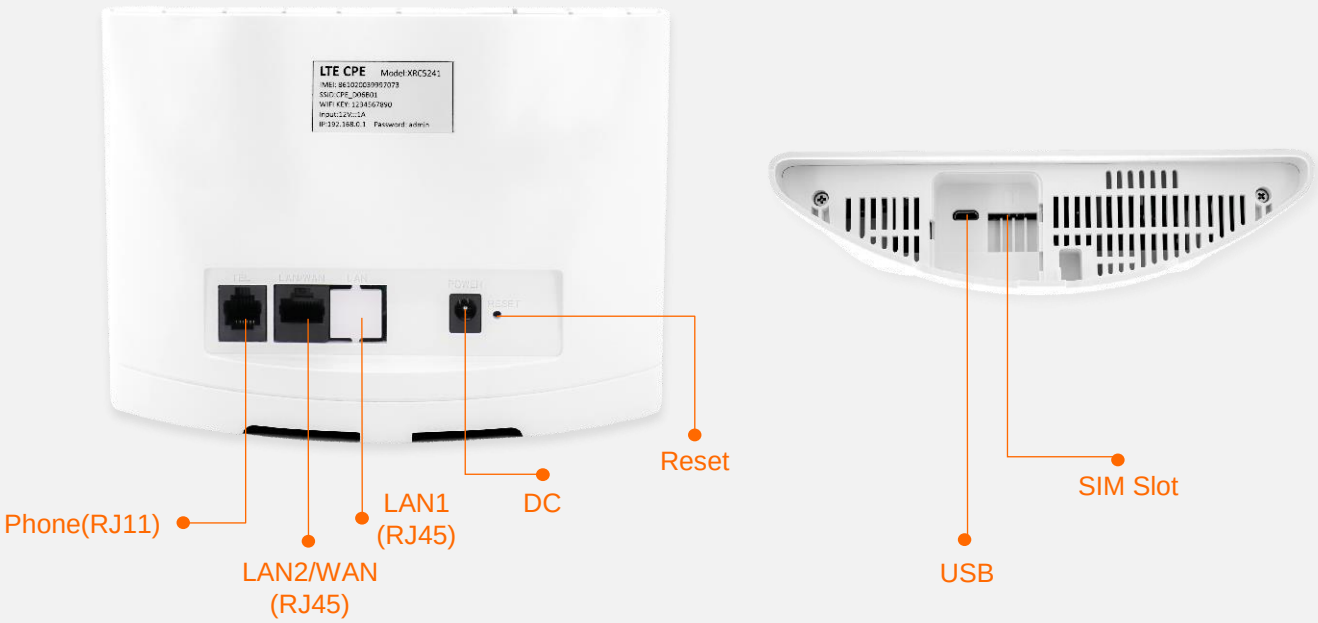
- Easy to set up and manage
- High gain 2*2 MIMO antennas.
- TR069 remote management and FOTA support.
- Usage scenario: Indoor, Home, office, etc.

For more information, please scan this code:

Introduction:

XRC5241, LTE CPE is developed based on several worldwide proven chipset solutions, integrated with the high technologies in LTE CAT4, WIFI 4 Hotspot, Ethernet WAN/LAN and Web-UI management. It supports TR069 remote management and FOTA.

Interface of XRC5241:



Technical Specifications

Product Feature

Dimension	166*121*42mm
Net weight	210g
Working Temperature	-20°C to 45°C
Storing Temperature	-20°C to 60°C
Power Supply	12V1A
Interface	1*RJ45(10/100Mbps), 1*2FF USIM/SIM; 1*Micro USB; 1*DC Input Port
LEDs	POWER,WAN/LAN,WiFi,Network,Signal strength

LTE WAN Feature

Chipset	ZX297520V3E
Frequency Bands	XRC5241CN: FDD-LTE B1/B3/B5/B8; TDD-LTE B38/B39/B40/B41; WCDMA B1/B5/B8 XRC5241EA1: FDD-LTE B1/B3/B5/B7/B8/B20; TDD-LTE B38/B41; WCDMA B1/B5/B8 XRC5241EA2: FDD-LTE B1/B3/B5/B7/B8/B20; TDD-LTE B40; WCDMA B1/B5/B8 XRC5241SA1: FDD-LTE B2/B4/B5/B7/B28A/B28B, TDD-LTE B40; WCDMA B2/B5 XRC5241SA2: FDD-LTE B1/B3/B7/B8/B28A/B28B; TDD-LTE B40; WCDMA B1/B8 XRC5241SA3: FDD-LTE B2/B4/B5/B7/B28A/B28B /B66; TDD-LTE B40; WCDMA B2/B5
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	Primary and Diversity internal as default; 2* External Antenna via SMA connectors;
RF Power Level	LTE FDD: Power Class 3 (23 dBm + 2.7/-3.7dB)
	UMTS: Power Class 3 (24 dBm +1.7/-3.7dB)
Data Rate	4G: 3GPP R9 Cat. 4, DL 150Mbps, UL 50Mbps
	3G: 3GPP R7 DL 21Mbps, UL 5.76Mbps

WLAN Feature

Chipset	RTL8192ES
WiFi Standard	802.11b/g/n,2.4GHz,20MHz/40MHz,1~13 Channel
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) • <-61dBm at the antenna port,64QAM,135Mbps, 4096 Byte PSDU@ 802.11n(HT40)
Antenna	Internal, 2 x 2 MIMO
WiFi Data Rate	• Up to 11Mbps @ 802.11b • Up to 54Mbps @ 802.11g • Up to 300Mbps @ 802.11n

Physical Interface Feature

LAN/WAN	1*RJ45,10/100Mbps, WAN/LAN Self-Adapter
USIM	Single, Standard SIM slot 2FF
Antenna	• 2 LTE internal antennas • 2 WiFi internal antennas
USB	Mirco USB I/F, For FW debug or ECM modem (USB RNDIS)
Power Jack	12v1A interface recommended
RJ11	CSFB / VoLTE Voice

LEDs & Buttons Feature

POWER	Power Status Indicator (1 LED, White)
WiFi/WPS	2.4G Wi-Fi Status Indicator, (1 LED, White)
LAN	LAN Indicator, (LED, White) Controlled by PHY IC
Cell Network	3G/4G Network Status Indicator, (1 LED, White)
Signal Strength	3G/4G Network Signal Strength Indicator, 4 level, (4 LED, White)
WPS Button	Enable /Disable WPS
Power On Off	Switch Power ON/OFF
Reset Key	Restore Factory Settings

WebUI & Other Feature

System	Connection Status; Statistics; Device Management; Power Mangement
Language	Chinese/English/Español/Português, customazible
Mobile Service	SMS Manager
	Automatic APN matching according to USIM
	Auto Data Connection
	USSD Service optional
	PIN/PUK Management
	Network Mode Selection(3G/LTE/Auto)
Router	SSID, OPEN, WPA2(AES)-PSK/, WPA-PSK/WPA2-PSK
	APN management
	IPv4/IPv6
	VPN Pass-Through (PPTP, L2TP & IPSec),
	UPnP, DMZ, DDNS, NAT, USSD, Firewall
	PORT Filtering/Mapping/Forwarding
	Traffic Control (QoS),Access Control, Local Management
O&M	TR069/FOTA
FW Upgrade	Firmware Upgrade by USB & FOTA
Certification	Certifications:CE,FCC,GCF, Material:RoHS To be applied upon customer's requirement