

# CELL CONNECT BY HYBRID NETWORKS

## Hardware

- CPU:
  - 700MHz, Quad-core CPU
  - 4x ARM Cortex A7
- Flash and Memory
  - 4MB NOR and 128M NAND Flash
  - 256MB DDR3 memory
- Ethernet:
  - 1 x Giga Ethernet WAN/LAN
  - 2 x Giga Ethernet LAN
- WiFi:
  - 2x2 2.4GHz IEEE802.11b/g/n
  - 2x2 5GHz IEEE802.11ac
  - Dual band concurrent
  - Speed up to 1267Mbps
- Cellular:
  - WAN: LTE Cat. 6, 2x2
  - SIM Slot : 1 x Micro SIM Slot
- Analog Phone Port
  - 1 x RJ11
- LED Indicators
  - Power, Internet, LTE, LTE Signal
- External USB2.0 connector
- Power supply:
  - DC 12V/2A
  - Li-ion Battery Pack DC7.4V 44.4Wh (Optional)

## LTE

- Data Download Speed
  - LTE : Max. 300 Mbps
  - 3G : Max. 42.2 Mbps
- Data Upload Speed
  - LTE : Max. 50 Mbps
  - 3G : Max. 5.76 Mbps
- Carrier Aggregation
  - 2CA
- Antenna
  - Built-in 2 x Internal Antenna
  - External Antenna (Optional)

## Voice Features

- VoLTE (Voice over LTE)
- 2G/3G CSFB
- VoEthernet (WiFi Calling)
- Interactive Voice Response (IVR)
- Fax Pass-Through (T.30)
- 3-way Conference
- Supplementary Services (CFU, CFNRc, CFNRy, CFB, ACR, CLIR, CLIP)

## WiFi Features

- WPA/WPA2, AES security protocols
- Wi-Fi Protected Setup (WPS2.0)
- MAC-address-based access control
- Multiple SSID ( x 4)
- WiFi Multimedia (WMM)
- WiFi Range Extender
- Support up to 64 wireless users simultaneously

## Dual WAN Mode

- WAN:
  - 1 x Giga RJ45 WAN
  - 1 x LTE Cat6
- Failover
- Load Balance
- Proactive Flow Distribution

## WAN Access Mode

- PPPoE (RFC 2516)
- PPTP/L2TP/IPSec Tunneling
- Static/DHCP IP Address

## Bridging Mode

- MAC address filtering
- Protocol filtering for up-link
- IPTV Bridge

## Router Mode

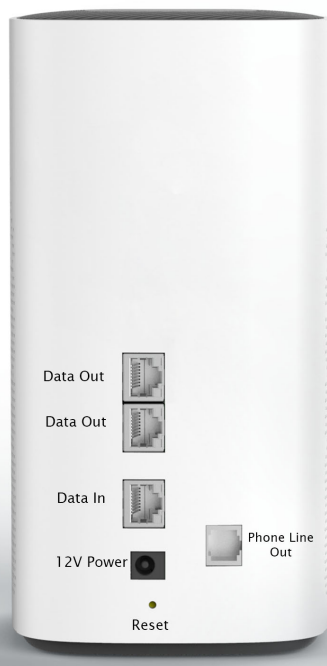
- NAT/NAPT Mode
  - RIP-1 (RFC 1058)
  - RIP-2 (RFC 1389)
  - DHCP Server/Relay/Client
  - Port Forwarding/Triggering
  - DMZ
- Static routing Mode
- DNS Relay/Proxy Mode
- IGMP Proxy/Snooping

## Firewall

- Password protected system management
- User authentication for PPP (PAP/CHAP)
- Packet filtering
- Access Control
  - Blocking by URL
  - Port, IP/MAC address

## Management

- TR-069 management
  - TR181 data model
  - Customized data model
- XMPP client
- SSH
- Mobile APP
- Web-based browser Interface
- Status display and event report
- Auto provisioning
- Remote firmware upgrade
- Traffic and event Logging



### Other Network protocols

- ARP
- HTTP/HTTPS
- ICMP
- TCP/IP (IPv4/IPv6)
- UDP
- NTP
- DDNS
- SSL
- RTP

### Data Security

- Security Boot Loader
- Storage Encryption & Decryption
- Image Signature

### Environmental

- Operating temperature: 0 ~ 40 °C
- Storage temperature: -20 ~ 65 °C
- Humidity: 5~95%, non-condensing

## LTE Selection Guide

Models	LTE Band	UMTS/WCDMA/HSPA+
WRTCC2061	- LTE FDD Band 2, 4, 5, 12, 13, 66 - LTE TDD Band 41	3G Band 2, 4, 5
WRTCC2061-01	- LTE FDD Band 1, 3, 5, 7, 8, 20, 28	3G Band 1, 5, 8
WRTCC2061-11	- LTE FDD Band 1, 3, 7, 8, 20, 28, 32	3G Band 1, 8
WRTCC2061AP	- LTE FDD Band 1, 3, 5, 7, 8, 18, 19, 21, 26 - LTE TDD Band 38, 39, 40, 41	3G Band 1, 5, 6, 8, 9, 19