



Key Benefits

- ✓ Cost effective & compact design with built-in high gain LTE and Wi-Fi antenna
- ✓ Compliant to 3GPP LTE R10 specifications support (CAT7)
- ✓ Advanced 4x4 MIMO and CA support with Category 7 throughput
- ✓ Dual FE LAN ports, VoIP Line and 802.11b/g/n/ac dual band MIMO Wi-Fi support
- ✓ Router, bridge and by-pass networking, IPv4 & v6 and Multiple PDN support
- ✓ Support VPN & full L2TPV3 or L3 GRE Tunneling clients
- ✓ FTP, HTTP, HTTPS and TR-069 management support
- ✓ UPS battery backup option

TECHNICAL FEATURES

JT3300V is fully compliant to the LTE specification. It offers standard support for advanced features such as Carrier Aggregation, MIMO and AMC to maximize the system capacity and bandwidth throughput. The use of OFDM modulation enhances performance in non-line-of-sight conditions to ensure immunity to interference and multi-path conflicts typical of deployments in urban areas. Sophisticated QoS capabilities ensure true end-to-end QoS and support for high quality data services.

JT3300V has enhanced router function and VPN clients support to enable greater service selection and reliability. The easy-to-read signal strength and data activity indicators in the front panel make it intuitive for users to check the status of the device.

JT3300V is a cost effective and high performance CAT7 LTE indoor Wi-Fi & SIP VoIP CPE product specially designed to enable quick and easy LTE fixed data service deployment for residential and SOHO customers. It provides high speed LAN, Wi-Fi and VoIP integrated services to end users who need both bandwidth and multi-media data service in residential homes or enterprises.

The device has 2 LAN ports, 1 RJ11 analog phone port, high performance 4x4 MIMO and CA capabilities, 802.11b/g/n/ac dual band Wi-Fi, advanced routing and firewall software for security. It provides an effective all-in-one solution to SOHO or residential customers. It can deliver up to 230 Mbps max data throughput which can be very competitive to wired broadband access service.

RELIABLE PERFORMANCE

JT3300V is an advanced multiport indoor Wi-Fi & VoIP CPE based on the standard implementation of LTE Release 10 specifications. With built-in high gain LTE antenna, it enables a longer reception range from the base station. This yields more efficient use of the network with a larger cell reach, guaranteed carrier class service, and customer service probability.

To meet the different operating requirements in various countries and regions, JT3300V can be supplied with optional UPS power adapter to provide continuous usage during power outage.

EASY USAGE & MANAGEMENT

JT3300V is a user-friendly LTE CPE and very easy to configure and setup. Subscribers can just connect the device to their computer or home switch/router and the device is ready to offer an experience of surfing over Internet. The LEDs on the JT3300V have also been designed for user convenience, and offer a clear sign of what the device is doing. The compact design is well suited for enterprise and residential users.

JT3300V offers rich management features which facilitate the task of service provider. It supports local management access, Telnet, WEB, and centralized remote OTA configuration, upgrades management and device monitoring via standard TR-069 ACS



**WI-FI INTERFACE**

- Radio Access : IEEE 802.11 b/g/n/ac with Independent AP processor
- MIMO : 2x2, 750Mbps
- Output Power: 16±1dBm
- Antenna : 4-5 dBi built-in antenna
- Max Users : 32
- Security : 64/128 bit WEP, WPA/WPA2

USER INTERFACE

- Data Interface : 2 RJ45 10/100M ETH Port
- Line Interface: 1 RJ11 Port
- LED Indicator : SYS, NET, LTE, SIM, 2.4GHz Wi-Fi, 5G Wi-Fi, ETH1, ETH2, LINE
- SIM Support SIM Card Slot (2FF)

LTE RADIO INTERFACE

- Radio Access : 3GPP LTE Release 10
- Operation Mode : TDD, 2T4R, 4x4 MIMO, CA Contiguous & Non-Contiguous
- Frequency Band : FDD B3/7/20
TDD B40/41/42/43/48
- Channel Bandwidth 5/10/15/20/20+20 MHz
- Modulations DL: QPSK, QAM16, QAM64
UL: QPSK, QAM16,
UL: QAM64 (optional)
- QoS Support : Non-GBR and GBR
- Output Power : 23±1 dBm
- Antenna Gain : 2-5 dBi (B3, B7, B20, B40, B41)
5-6 dBi (B42, B43, B48)

Technical Specifications

VOICE FEATURES**VoIP Processing**

Compression : G.711 G.721 G.723
G.726 G.729 G.722

Comfort Noise : Comfort Noise Generation & Control

Echo Cancellation : G.165/168-2000

Silence Handling : Silence Detection/Suppression

Fax Support : T.30 and T.38

Delay/Jitter/Loss : Jitter, Packet Loss Compensation

DTMF Relay : In band DTMF, RFC2833, SIP signal

Call Duration : 24+ hours Uninterrupted Call

Voice Services

[Basic Voices]: Local, Domestic & International
Calling Flexible Dial Plan Configuration Support
Tone Customization for Different Countries.

[Complementary Services]: Caller ID, Caller ID suppression, Call Screening, Speed dial, Call Tracing, Hotline, Unconditional call forwarding, Call Forwarding No Answer, Call Forwarding on Busy, Call Waiting, Call Back, Call Blocking, No Disturbance, Alarm, Network and Local 3-way Call, Data Call, and Etc.

PHYSICAL & ENVIRONMENTAL

Power DC : DC 12V/1.5A, Adapter
optional UPS battery backup

Weight : <600g

Dimensions: 120mm * 120mm * 160mm

Environment : Operating Temperature, -15°C~55°C.
Storage Temperature -30 °C~85°C.
Humidity, 90% max Non-condensing

CONFIGURATIONS & MANAGEMENT**Network Configuration :**

Router and L3 Bridge Operation Support Built-in DHCP Server for LAN Devices IPv4, and IPv6 DS-Lite Support for LTE Multiple PDN Interface Support

Data Networking Features :

Support VPN Pass-through (PPTP, L2TPV3 & IPsec)
Support Built-in L2TPV3 & GRE Tunneling Client
Support DNS Proxy
Support Firewall & Access Control DMZ, Virtual Server
Support IP and Port Forwarding
Support Local and Remote Management Restriction
Application Firewall
Support NTP Service