**Model ID**

The JT3600V stands out as a state-of-the-art 5G NSA/SA NR Sub-6G indoor CPE. It seamlessly integrates WiFi6 and VoLTE/VoNR technologies. Specifically engineered for residential and SOHO customers, it allows for the rapid and straightforward deployment of 5G/4G/3G fixed data services. This device offers high-speed LAN, WiFi6, and VoLTE/VoNR integrated services, catering to end-users in both residential homes and enterprises who demand ample bandwidth and high-quality multimedia data services.

**Reliable Performance**

Based on the standard implementation of 3GPP R16 specifications, the JT3600V is an advanced multiport indoor CPE that combines WiFi6 and VoLTE/VoNR capabilities. Its built-in high-gain LTE antenna significantly extends the reception range from the base station. As a result, the network can be utilized more efficiently, with a larger cell coverage area. This not only guarantees carrier-class service but also enhances the probability of excellent customer service.

Equipped with two 2.5G LAN ports and 1 RJ11 analog phone port, the JT3600V also features high-performance 4x4 MIMO and CA capabilities. Its 802.11b/g/n/ax multiband Wi-Fi, advanced routing, and security-focused firewall software make it an all-in-one solution for SOHO or residential customers. With a maximum over-the-air data throughput of 3.4Gbps, it poses a strong challenge to traditional wired broadband access services.

**Easy Usage & Management**

The JT3600V is designed with the user in mind. It is a user-friendly 5G NSA/SA NR Sub-6G CPE that is incredibly easy to configure and set up. Subscribers simply need to connect the device to their computer or home switch/router, and they can immediately start enjoying the Internet. The LEDs on the device are carefully designed for user convenience, clearly indicating the device's operational status. Its compact design makes it an ideal choice for both enterprise and residential users.

In addition to being user-friendly, the JT3600V offers a comprehensive set of management features that simplify the work of service providers. It supports local management access, Telnet, and WEB interfaces. Moreover, through the standard TR-069 ACS system, it enables centralized remote OTA configuration, upgrade management, and device monitoring.

**Technical Features**

The JT3600V fully complies with the 3GPP R16 specifications. It provides standard support for advanced features such as Carrier Aggregation, MIMO, and AMC, which are crucial for maximizing system capacity and bandwidth throughput. The use of OFDM modulation greatly improves the device's performance in non-line-of-sight conditions. This ensures that it can effectively resist interference and multi-path conflicts, which are common challenges in urban deployments. Its sophisticated QoS capabilities guarantee true end-to-end QoS, enabling high-quality data services.

## Specifications

## Technical Specifications

## Physical

Dimensions	130mm x 180mm x 75mm
Weight	< 500g
Power consumptions	< 18W
Power Supply	12V/2.0A DC Adapter

## Environmental

Operating Temperature	-15°C to 55°C
Storage Temperature	-40°C to 85°C
Humidity	90% max Non-condensing

## Radio Interface

Radio Access	3GPP Release 16 5G NSA/SA 5G NR Sub-6G LTE-TDD/LTE-FDD/WCDMA
Chipset	Qualcomm X62 + 2064
Operation Mode	5G 4x4 MIMO, LTE 4x4 MIMO 1700~3800MHz, LTE 2x2 MIMO 617~960MHz
Frequency Band (NA Version)	5G-NR: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/71/77/78/79 LTE-FDD: B2/4/5/7/12/13/14/17/25/26/29/30/66/71, LTE-TDD: B38/41/42/43/46*/48 WCDMA: B2/4/5
Frequency Band (EU Version)	5G-NR: n1/3/5/7/8/20/26/ 28/40/41/48/77/78/79 LTE-FDD: B1/3/5/7/8/18/19/20/26/28/32, LTE-TDD: B38/39/40/41/42/43/46*/48, WCDMA: B1/5/8
Modulations	QPSK/QAM16/QAM64/QAM256
CA Support	5G: 2CC, 4G: 5CC, and ENDC CA Support
Receive Sensitivity	Compliance with 3GPP standard
Output Power	23dBm±2dB
Antenna Gain	2-6dBi
GNSS	GPS/GLONASS/Galileo/QZSS

## Wi-Fi Interface

Radio Access	IEEE802.11b/g/n/ac/ax
MIMO	2 x 2 DBDC (3.6Gbps, BW=160MHz)
Output Power	15dBm
Antenna	3-5dBi Built-in antenna
Connected Users	32
Security	64/128-bit WEP, WPA/WPA2

## User Interface

Data Interface	2 RJ45 2.5Gbps ETH Port, 1 USB2.0
Line Interface	1 RJ11 Port
LED Indicators	SYS, NET, RF, Wi-Fi, LINE
SIM Support	1.8V/3.0V USIM 2FF

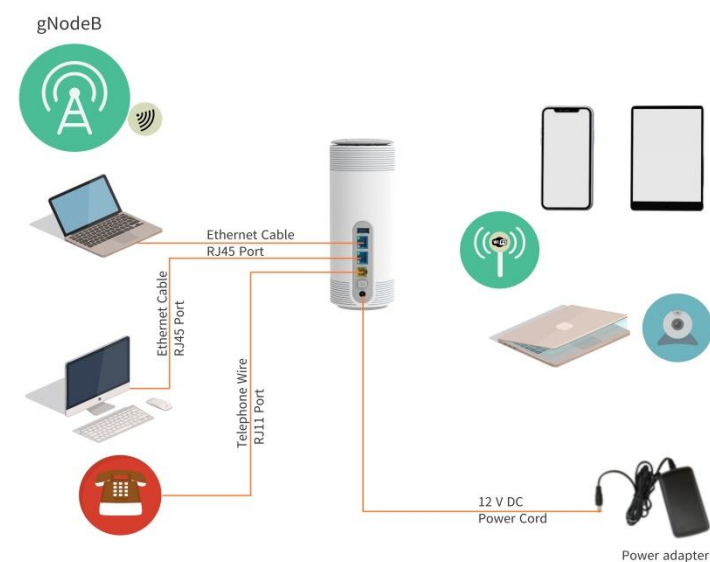
## VoLTE &amp; VoNR Support (Optional)

Basic Call	AMR-NB & AMR-WB, Caller ID Name & Number display
Supplementary Call Features	Communication Forwarding Barring of Incoming/Outgoing Calls Communication Hold & Waiting Ad-Hoc 3-Party Conference Message Waiting Indication Communication Diversion/Forward
DSP Processing	Adaptive Multi-Rate speech codec (AMR) AMR wideband codec Narrowband 8KHz & Wideband 16KHz Support DTMF Tone Generation and Detection Call Progress Tone Generation

Specifications

Software Specifications	
Networking 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	VPN Pass-through support (PPTP, L2TP & IPsec) Built-in L2TPv2, L2TPv3 & GRE Client Support DNS Proxy Support Firewall & Access Control DMZ and Virtual Server Support IP and Port Forwarding Support Local and Remote Management Restriction Application Firewall Support NTP Service Support LAN Device Access Control
Device Management	CLI, Telnet, HTTP and HTTPS Management Interfaces Standard Based TR-069 Management FTP and HTTP OTA Firmware Upgrade USIM and PLMN Locking Support Device Factory Default Setting

Installing



Packing List

Products	Quantity
Main System Unit	1
12V/ 1.5A DC Power Adapter	1
PC Ethernet Cable	1