

4G LTE N300 Wireless Router

ST-WD421N



Product Overview

The ST-WD421N is Wireless 4G LTE CPE with highly integrated LTE wireless router which is everything your home or small business needs for high-speed Internet access. The LTE wireless gateway combines Built-in WIFI antenna, equipped with two antenna, Fast Ethernet Internet Ports, 4G mobile Internet support through wireless together in a single, easy to use product that shares an Internet connection for all your devices.

Features:

- Integrated Wireless and Fast Ethernet for IPTV and Realtime Streaming
- Supports multiple WANs for flexibility, redundancy, and future connectivity
- Multimode LTE Options TDD-LTE/FDD-LTE/UMTS/ 2 x CA/WCDMA
- LTE CAT4 Release 10 MIMO 2x2 up to 300Mbps
- Plug And Play, Convenient and Fast setup for everyone
- TR069 support for simple remote management
- Multi Language User Friendly Interface

Technical Specifications

Item	Description	
General	MIMO	Support DL 2x2 MIMO 4G: 150Mbps downlink and 50Mbps uplink
	BB Chipset	ZX297520V3E
	SoC Chipset	RTL8192ES, 802.11n speed up to 300Mbps
	WiFi Users	Support 32 users, 50Mbps/50Mbps HSPA+ (DL/UL) 21/5.76Mbps
	Power consumption	DC 12V/1A <10W
	USIM/SIM	2FF SIM card support SIM/USIM/UIM, Standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card internal
	VOIP (Rj11)	No Support
	LED	Power Indication, WIFI Indication, Internet Status, Signal Strength
	Antenna	Built-in 6 real antenna 2.4GHZ-WIFI antenna MIMOx2 2x external LTE antenna(optional)
	Buttons	Reset, Autopower
	Ethernet	4xLAN, 10BaseT/100Base/ automatic adaptive port
	ESD	Contact±8KV, Air±10KV
	Battery	optional 3.7V 4800mAh
	Environment	Working temperature -10~60°C Equipment weight: 276G Equipment size: 200mmX145mmX48mm
	RF Parameters	Network Type
	LTE Bands	LTE: B1/3/5/7/20/28/38/39/40/41 WCDMA: B1/5/8 (According to customer needs, the following customization can be supported) Other advantages can be customized (such as B2 / 7/20 / B28, etc.)
	WIFI	Support IEEE802.11b/g/n expansion to 2.4G. 300Mbps WIFI distance is about 30-50m



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Technical Specifications

Item	Description	
Software	SW Update	TR069 & FOTA (customized) & Local
	WiFi Mode	AP/STATION mode
	WiFi Security	OPEN & WPA-PSK & WPA2-PSK
	SMS & Phone Book	YES
	UPnP	Need customize
	IPv4/6 Support	YES
	Firewall	ANTI ARP Attack/Port Scan/TCP SYN Flood/UDP Flood Internet Access Control Management Access Control , Filtering by URL / IP / MAC
	QoS	Uplink/Downlink Bandwidth Limitation Flow Control based on Destination/Source IP/MAC or Protocol
	Management	SMS, User Management Syslog, Diagnostic Tools Web, CLI, SNMP, TR069 Band Locking, SIM Lock, IMEI modification, Data Statistics, VPN Pass Through

Eight Core Functions

Bring you A Brand New Wifi Experience



4G High Speed



Support Battery



Good Heat Dissipation



Setting Simple



Plug And Play



Support 32 Devices



300mbps Wireless Rate



4g to WIFI Signal

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