

4G LTE N300 Desktop CPE

ST-WD522N



Product Overview

The ST-WD522N is Wireless 4G LTE desktop 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.

Plug And Play, Convenient and Fast

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/ 2x CA/WCDMA
- LTE CAT4 Release 10 MIMO 2x2 up to 300Mbps
- Built-in 4800mAh battery ; 4 Power Mode; no fear of power failure
- 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)	Support VoLTE with RJ11 Port
	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	Power, Reset, WPS
	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	4G: LTE-FDD, LTE-TDD 3G: EVDO, WCDMA
	LTE Bands	LTE: B1/3/5/7/20/28/38/39/40/41 WCDMA UMTS: 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

 <p>4G High Speed</p>	 <p>Support Battery</p>	 <p>Good Heat Dissipation</p>	 <p>Setting Simple</p>
 <p>Plug And Play</p>	 <p>Support 32 Devices</p>	 <p>300mbps Wireless Rate</p>	 <p>4g to WIFI Signal</p>

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