

# 300Mbps Wireless-N Router

## ZXHN E5501



The E5501 is a wireless-N router designed for residential users that offers wireless speeds up to 300 Mbps. The E5501 has one Fast Ethernet interface for uplink and four Fast Ethernet interfaces for downlink.

### E5501 Features:

#### ■ Cool Appearance with Steady Style

- The cool race car model with black color brings the E5501 a steady and business style.

#### ■ Up to 300Mbps with Perfect Wi-Fi Performance

- Up to 300Mbps with MIMO and channel bonding technology
- 5dbi external dual antennas to enhance wall pass-through capability

#### ■ Easy UI for Quick and Easy Home Network Setup

- One press button to enter guidance for quick and easy network setup
- Clear view of the home networking and connected devices
- Provide IP address or web address <http://zte.home> to access device for management

#### ■ Enhanced Home Network Security

- One press WPS to easily set up a safe wireless connection with WPA and WPA2 encryption
- SSID broadcast control to prevent network freeloader
- Black list and white list for URL filtering control

#### ■ Intelligent Bandwidth Management

- Predefined rules for connected devices bandwidth management
- Bandwidth assignment base on each LAN port
- Auto average bandwidth assignment

#### ■ Parental Control for Webpage Management

- Making time schedule for child internet content control
- Black list for unhealthy websites filtering
- Parental control even based on an individual device

#### ■ Net Sphere™ Support for Easily Multiple AP Deployed

Net Sphere™ is a ZTE featured function applied when multiple wireless routers and APs are deployed.

- Zero-touch Auto Configuration for plug and play
- Seamless Roaming without service interrupt
- Flexible Networking & CAPEX Saving

## E5501 Technical Specifications

WAN	
	PPPoE (Always on/On demand/Manual)
	Static IP/Dynamic IP
Wi-Fi	
Frequency /Data Rate	2.4 GHz @300 Mbps
Standards	IEEE 802.11 b/g/n
Security	64/128-bit WEP, WPA/WPA2 , WPA-PSK, WPA2-PSK encryption
SSID	Broadcast/Hidden SSIDs
Wireless Settings	Output power control , Data rate setting, Bandwidth selection
Transmit Power	20dBm
Firewall/Security	
	DoS prevention
	NAPT/ALG/VPN pass-through
	URL /IP/MAC filtering , black list/white list
	Wireless white list, SSID broadcast control
Router	
	UPnP IGD with NAT traversal/port forwarding
	Dynamic DNS relay
	DHCP server/client
	SNTP
Management	
	Local management/Web based management/Remote management
Applications	
	Parental controls
	DMZ/UPnP
	Bandwidth control
Package	
	1xE 5501 router, 1xEthernet cable, 1xpower adapter,1xInstallation guide

## E5501 Technical Specifications

### Hardware Characteristics

WAN	1 FE RJ-45 port
LAN	4 FE RJ-45 ports
Wi-Fi	2x5dBi external antennas
Buttons	Reset, WPS
LED indicators	Power, WAN, LAN1-4, WLAN, WPS

### Electrical Characteristics

Power Consumption:	< 4W(full load)
Power Adapter	input:100-240V AC out put:5V DC 1 A

### Environmental Characteristics

Operating Environment	Temperature: 0°C - 40°C (32°F - 104°F) Humidity: 5% - 95% (non-condensing)
Storage Environment	Temperature: -40°C - 70°C (-40°F - 158°F) Humidity: 5% - 100% (non-condensing)

### Physical Characteristics

Weight: 261g	Weight: 261g
Size	Size: 175 (L) x 135 (W) x 37 (H) mm

### Certification

CE WEEE RoHS

## E5501 Application Diagram



## E5501 Rear Panel

