



Wireless-N Router

Model 4501

links 3G, 4G LTE™, DSL, or Cable Internet to all your WiFi® devices

- **Plug in your modem or your smartphone, then computers, tablets, handhelds, and other WiFi devices all share high-speed Internet!**
- **High performance wireless-N router ideal for home or office**



Now computers, tablets, handhelds, e-readers, game stations and more can share a high-speed connection to the Internet through either 3G cellular, 4G LTE cellular, or fixed broadband connections. Just plug in a cellular broadband USB modem, compatible smartphone, or fixed broadband modem and all the WiFi and Ethernet devices you choose have fast, easy Internet access.

The 4501 can also provide an improved cellular connection where the signal strength is low. Put the Wireless-N Router and a cellular modem or tethered smartphone where the cellular signal is the best, such as near a window. Then the Model 4501 will complete the connection to local WiFi devices through extended-range wireless-N capability. The 4501 can also be configured as a wireless LAN repeater to extend the range of your local network.

You can connect computers, and other devices to the 4501 through wireless-N or through an Ethernet LAN jack. Wired and wireless routing with security can be added to an ADSL modem or cable modem using the Ethernet WAN jack. When connected to both a cellular and a wired broadband connection, the 4501 will provide automatic cellular backup to your wired broadband connection.

A smartphone will charge while tethered to the 4501.

The 4501 provides an extensive list of advanced router features, including robust firewalls, VPN Pass-through, DHCP server, Quality of Service (QoS) and other router function for up to 253 simultaneous users. The 4501 also supports a wide range of Internet service connection protocols, including static IP, dynamic IP (DHCP client), PPTP, L2TP, PPPoE, 3G, and 4G LTE. These can be set up easily by using the 4501's built-in browser interface, or Universal Plug and Play.

The 4501 is widely compatible with USB mobile broadband modems and a growing list of smartphones. Zoom regularly updates the Model 4501 to support new devices. Please check www.zoomtel.com/router/comp for the updated list.

Wireless-N Router for 3G, 4G LTE, DSL, or Cable Modems

Configurable as either a **Broadband Router** or as a **Wireless Repeater** to extend the range of a network

Wireless LAN standards	IEEE 802.11n, IEEE 802.11b/g
Interfaces	1 X RJ45, 10/100 Mbps port for wired WAN interface 1 X RJ45, 10/100 Mbps port for wired LAN networking 1 X USB 2.0 Host for 3G/4G modem or tethered smartphone WPS button, reset button
Wireless LAN security	64/128 bits WEP (Wired Equivalent Privacy) WPA (WiFi Protected Access) and WPA2 SSID stealth; WPS for easy security setup
Internet security	Stateful Packet Inspection (SPI) Firewall Network Address Translation (NAT) Denial of Service (DoS) attack detection Virtual Private Networking (PPTP, L2TP, IPSec) pass through MAC, Packet, and Domain name filtering URL Blocking
Management	Universal Plug and Play (UPnP) Browser based management Wizard-assisted setup Simple Network Management Protocol (SNMP) support
Advanced router functions	Quality of Service (QoS) support URL Blocking/Filtering (parental control) Scheduling rules (parental control) Virtual Server, Port triggering, and DMZ host Dynamic DNS Configuration Backup/Restore Wireless Distribution System (WDS) support Wireless Multimedia Extension (WME), WiFi Multimedia (WMM) support
Supported WAN protocols	3G; 4G LTE; Static IP Address; Dynamic IP Address; PPP over Ethernet; PPTP WAN type; L2TP WAN type
Antenna	One external antenna with pivoting position adjustment
Power adapter output	5 Volts, 2.0 Amps
Transmission rates	Maximum physical rate of up to 150 Mbps in 802.11n mode; 6/9/11/12/18/24/36/48/54 Mbps in 802.11g mode; 1/2/5.5/11 Mbps in 802.11b mode
Range coverage	Indoors: up to 100 meters (330 feet), depending upon the environment Outdoors: up to 300 meters (990 feet), depending upon the environment
LED status indicators	Four indicators, reporting: - 3G/4G WAN connection established, data being transferred, device status - LAN connection using Ethernet, data being transferred - Wireless LAN connection available, data being transferred - Wired WAN interface connection established, data being transferred
Wireless LAN channels frequency range	United States (FCC) channel 1 through 11 Europe (ETSI) channel 1 through 13
Dimensions	5 inches X 5.13 inches X 1.25 inches 12.1 cm X 13 cm X 3.2 cm
Weight	8.2 ounces
Certifications	FCC, CE, Industry Canada, RSS-210, RoHS compliant
Warranty	One year



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Compatibility with USB mobile broadband modems and smartphones

The Zoom Wireless-N Router is compatible with almost every mobile broadband USB modem ever built, including modems from AT&T®, Novatel™, Sprint™, Sierra Wireless™, T-Mobile®, Verizon®, Virgin®, and many more. The Router also supports phone tethering for the iPhone® and certain smartphone models from Blackberry®, HTC™, Motorola®, Nokia®, and others. To check compatibility, please go to www.zoomtel.com/router/comp

Wireless-N Router
Back Panel



Package Contents

- Wireless-N Router
- Ethernet cable
- Setup CD
- Power adapter
- Base to allow vertical orientation of router