



Wireless-N Router for 3G USB Modems

Model 4501

Share your mobile broadband Internet access in your home or office

- Wireless n/g/b Router distributes mobile broadband to Wifi computers, phones, game stations, and more!
- 3G USB modem plugs into this AC-powered Router



Now computers, mobile phones, and game stations can share a high-speed wireless connection to the Internet through your 3G mobile broadband USB modem. Just plug in the modem and all the WiFi devices you choose have fast, easy Internet access. It's a great way to share your high-speed mobile broadband connection at home, the office, or anywhere else that AC power is available.

The 3G Router's wireless-N networking capability is fast, with extended range for maximum mobility. Now you can provide a 3G mobile broadband Internet connection to all your WiFi devices, including Windows, Macintosh, or Linux computers, iPhones and other WiFi mobile phones, the iPod and BlackBerry, barcode readers, and game stations including Nintendo DSi, Nintendo DS Lite, and Playstation Portable.

The Model 4501 can often provide an improved 3G connection where signal strength is low. Put the Router and 3G modem where the local 3G signal strength is the best, such as near a window. Then the Router will complete the connection to local WiFi devices through extended-range wireless-N capability.

You can connect computers and other devices to the Router through its wireless-N capability or through the Model 4501's Ethernet LAN jack. You can also plug an ADSL modem or cable modem into the 4501 through an Ethernet WAN port to provide router functions to those broadband connections. When also connected to a 3G USB modem, the 4501 will provide automatic backup to your wired Internet connection.

The 4501 provides an extensive list of router features, including robust firewalls, VPN Pass-through, DHCP server, Quality of Service (QoS) and other router functions 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, and 3G. These can be set up easily if you need them by using the Router's built-in browser interface, or use Universal Plug and Play for even easier setup. The 3G Wireless-N Router is compatible with a wide range of USB mobile broadband modems. A partial compatibility list is provided below. An even longer list is at: www.zoom.com/3Grouter/comp

Mobile Broadband Modem Compatibility

The Zoom 3G Wireless-N Router works with all of the following mobile broadband modems. As new modems are introduced, we expand our compatibility. If your modem isn't on this list, please see www.zoom.com/router/comp

- **AT&T** iCON-322, 875U, 881U, 885U, MC930D, MC950D, MC990D
- **Alltel** 595U, 597U, 598U, CDU-550, CDU-680, MC727, U720, U727, U760, UM150, UM175
- **Bandrich** BandLuxe C-120, C-170, C-270
- **C-Motech** XS Stick W12, CGU-628A
- **E-TEL** ET230U
- **Franklin** CDU-550, CDU-680
- **FLY CARD** FLY-HU1
- **Gigabyte** GSMART MD800

- **Haier** WM100, WM500, HT-DM300
- **Huawei** E156G, E160, E160G, EC168, E169, E220
- **Kyocera** UTU1900D
- **Miwirecom** SU-8200, SU-9000U
- **MTC** FLY-HU1
- **Novatel** MC727, U720, U727, U760, MC930D, MC950D, MC990D
- **Option** GTM382, ICON 322, ICON 401, ICON 431

- **Sierra Wireless** 595U, 597U, 598U, 875U, 881U, 885U, 889
- **Sprint** 595U, 597U, 598U, CDU-550, CDU-680, MC727, U720, U727, U760, UM150, UM175
- **UTStarcom** UM150, UM175
- **Verizon** 595U, 597U, 598U, CDU-550, CDU-680, MC727, U720, U727, U760, UM150, UM175
- **Zoom** 4595, 4596
- **ZTE** AIKO 81D, MF622, MF636

Wireless-N Router for 3G USB Modems



International Headquarters

Zoom Telephonics, Inc.
207 South Street
Boston, MA 02111
USA
Tel: 617 423-1072
Fax: 617 423-3923

European Sales/Support

Zoom Telephonics, Inc.
Centaur House
Ancells Business Park
Ancells Road
Fleet, Hants
GU51 2UJ UK
Tel: +44 (0) 1252 761218
Fax +44 (0) 1252 761630

Ventas América Latina

Zoom Telephonics Inc.
10237 Clubhouse Turn Rd.
Wellington, FL, 33449, USA
Tel. 1-561-357-9339
Fax 1-561-357-9660

email: sales@zoom.com

Website: www.zoom.com

NASDAQ: ZOOM

Made in U.S.A.
©2009 Zoom Telephonics, Inc.,
207 South Street, Boston, MA 02111
Zoom is a registered trademark of
Zoom Telephonics, Inc. Windows XP,
Windows 98, Windows 2000, Windows
Me, and NetMeeting are registered
trademarks of Microsoft Corporation.
All other registered trademarks and
trademarks used herein are the
property of their respective holders.

Wireless LAN Standards:	IEEE 802.11n draft specification, IEEE 802.11b/g wireless
Interfaces:	1 X RJ45, 10/100 Mbps port for wired WAN interface 1 X RJ45, 10/100 Mbps port wired LAN networking 1 X USB 2.0 Host for 3G modem 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
Supported WAN Protocols	3G; 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 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, RoHS compliant
Warranty	One year

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