



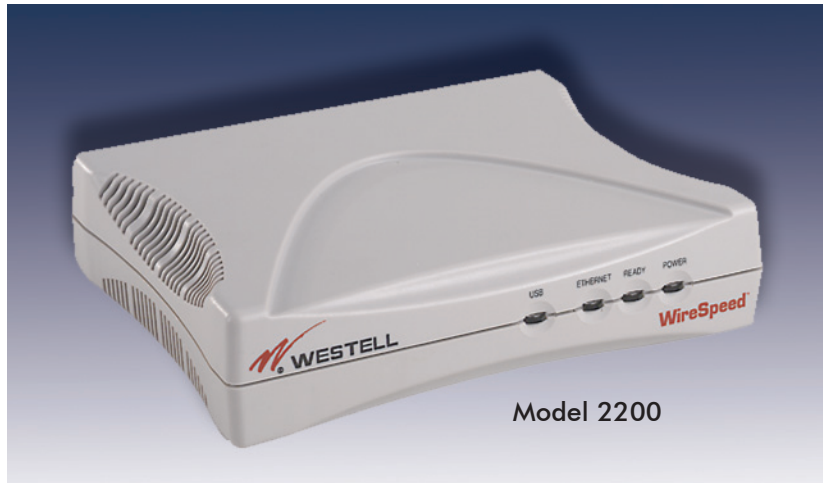
WireSpeed™ Dual Connect NAT Router

Dynamic Multi-Hybrid (DMH™) Technology

Westell has combined its powerful high-performance modem with innovative Dynamic Multi-Hybrid (DMH™) Technology. This potent combination enables your modem to achieve the fastest possible speeds under varying loop and in-home wiring conditions. So now, whether you choose to network via USB or ethernet, you can always be sure DMH Technology will be providing you with the maximum DSL throughput available.

Like all of Westell's WireSpeed products, the WireSpeed Dual Connect NAT Router with DMH Technology is easy to install and can be configured in a matter of minutes using any standard Web browser. It is software upgradeable for maximum investment protection.

It integrates industry-leading protocols PPPoE/A to deliver the most efficient connection to the service provider network while eliminating the complexities of loading client software onto end-user PCs. WireSpeed LAN network setup is a breeze through the use of Network Address Translation (NAT) and Dynamic Host Configuration Protocol (DHCP). Because the WireSpeed router is viewed by the internet as a single IP address, the IP addresses of the PCs on the LAN are hidden from the internet, providing a simple and effective network security solution. It also automatically assigns an address to each PC on the network, thereby removing the chore of local IP address management.



Features:

- DMH Technology
 - > Automatically tunes modem for optimized performance on impaired loops
 - > Enhances downstream throughput with Power Spectral Density (PSD) Shaping
 - > Eliminates negative effects of network based bridged-taps and in-home wiring
- Integrated firewall
- PPTP/L2TP/IPSEC VPN support (Tunnel Mode)
- Global IP/IP passthrough support
- Port forwarding
- Multiple users share single internet connection
- Network Address Translation (NAT)
- Isolates your LAN from the Internet; provides security since LAN IP addresses are not visible to the internet
- Requires only one static (PPPoE/A enabled) or dynamic IP from your ISP to serve multiple users on your LAN
- Automatic assignment of IP (up to 253) address and DNS information to all work stations on your LAN via DHCP
- Easy set up and configuration via web browser
- Reset switch (factory default)
- Software upgradeable

Benefits:

- DMH Technology
 - > Reduces operational expenses by increasing provisioning success rates
 - > Maximizes modem performance on long loops (> 10K ft) with bridged-taps
 - > Increases revenue potential through increased performance, reach and customer satisfaction
- Eliminates the need for costly router
- No need to tie up a PC to serve as a router
- Eliminates need to load Point-to-Point Protocol over Ethernet (PPPoE/A) on each of the networked PCs
- Can retain IP address of existing LAN





WireSpeed™ Dual Connect NAT Router - model 2200

Routing

- Up to 253 users with a user supplied ethernet hub
- Network Address Translation (NAPT/PATP)
- DHCP - Automatic or manual local address assignment
- DNS proxy implementation
- Stateful inspected packet-filtering firewall
- RFC 2364
- RFC 2684
- RFC 1577

Transport and Application Protocol Support

- TCP, UDP, ICMP, SMTP, NNTP, FTP, HTTP, HTTPS, SSL
- Support for PPTP/L2TP/IPSEC VPN Tunnel through NAT router
- Bridged PPPoE from PC simultaneously with NAT router
- PPPoE session

Standards

- ANSI T1.413 issue 2
- ITU G.992.1 (G.DMT)
- ITU G.992.2 (G.lite)
- ITU G.992.3 (ADSL2 DMT)*
- ITU G.992.4 (ADSL2 G.lite)*
- ITU G.992.5 (ADSL2+)*

Protocol Features

- Bridge encapsulation per RFC1483
- Logical Link Control/ Subnetwork Access Protocol (LLC/SNAP)
- PPPoE support
- ATM SAR: Internal to modem

Minimum System Requirements for USB Installation

- Pentium® or equivalent and above class machines
- Microsoft® Windows® 98, 2000, ME, or XP installed
- Computer Operating System CD-ROM on hand
- Internet Explorer 4.x or Netscape Navigator 4.x or higher
- 32 MB RAM (128 MB recommended)
- 10 MB of free hard drive space
- Available USB Version 1.0 or higher port

Minimum System Requirements for 10/100 Base-T/Ethernet

- Operating system that supports TCP/IP over Ethernet
- 10/100 Base-T Network Interface Card (NIC)

Dimensions

- Height: 1.6 in. (4.0 cm)
- Width: 6.3 in. (16.0 cm)
- Depth: 5.07 in. (12.8 cm)

Weight

- Approx. 6.6 oz. (.17 kg)

Environmental

- Ambient Operating Temperature: +32 to +104 F (0 to +40 C)
- Relative Humidity: 5 to 95%, non-condensing

Power Supply

- 120 VAC (10%) to 12 VAC wall-mount power supply

Power Consumption

- Less than 8 watts typical, from 120 VAC

Indicators

- DSL
- Power
- Ethernet
- USB

Connectors

- Power: Barrel connector
- Line (DSL): 6-pin (RJ-11) modular jack
- PC: USB Series B connector
- Ethernet: 8-pin (RJ-45) modular jack

Certifications

- EMC FCC, Part 15 Class B
- CAN/CSA-22.2 60950
- UL 60950, 3rd Edition
- UL
- CSA
- ACTA 968-A
- Industry Canada CS03
- CE
- WHQL

Ordering Information

- Wirespeed Dual Connect NAT Router with DMH Technology, Model No. 2200
- Please specify which ethernet protocol you require (PPPoE/PPPoA)
- Multiple users require the use of an appropriate ethernet hub, not included in this package.