

Do More, Faster

Enjoy fast wireless connectivity for your home or home office. The Wireless-N Broadband Router with Storage Link is designed to deliver plenty of speed and coverage, so multiple users can go online, transfer large files, print, and stream stored media—all at once, all without wires. Great for bigger homes. Easy to use, and easy to install on Windows or Mac.

Wireless-N Power

The speed and bandwidth of Wireless-N, today's most advanced wireless technology, makes it easy for multiple users to share Internet access, files, and printing. Enjoy media-intensive activities like gaming, video and Voice-over-IP phone calls—all at once, with less lag and performance degradation. Achieves faster speeds when used with Wireless-N enabled devices, but is fully compatible with Wireless-G and -B equipment.

Reliable Coverage

Experience coverage you can count on, all around your home. Wireless-N's Multiple in, Multiple Out MIMO technology actually uses the signal reflections that confuse ordinary wireless technologies to boost range and reduce dead spots.

Storage for All

The Storage Link feature lets you connect a hard drive or flash-based USB storage device directly to your network to easily add gigabytes of storage. Access your music, video, or data files from any PC within your network, or securely through the Internet. Built-in media server streams to PCs or digital media adapters.

Connect to More

Four 10/100 Ethernet ports let you connect printers, networked storage drives, and other Ethernet-enabled devices to your network, so you can access and share them from all around the house.

DATASHEET

#1 choice for consumer wireless networking worldwide

The power of N—more coverage, more speed, more freedom*

Easily add shared storage to your network



Wireless-N Broadband Router with Storage Link

Model: WRT160NL

Features

- Built-in Storage Link lets you transform any USB storage drive into a NAS
- Built-in media server lets you share multimedia with any connected UPnP-enabled clients
- MIMO technology uses multiple radios to create a robust signal that travels farther and reduces dead spots
- Blazing fast wireless speeds for high bandwidth applications such as video streaming or file sharing
- Supports up to 128-bit encryption
- Supported file systems (read-and-write) for USB storage device: FAT16, FAT32, NTFS



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Specifications

Model	WRT160NL
Standards	802.3, 802.3u, 802.11b, 802.11g, Draft 802.11n
Ports	Internet, Ethernet [1-4], USB, Power
Buttons	Wi-Fi Protected Setup, Reset
LEDs	LAN [1-4], W-Fi Protected Setup™, Wireless, Internet, Power
Cabling Type	CAT 5e
# of Antennas	2
Connector Type	R-SMA
Detachable (y/n)	Yes
RF Pwr (EIRP) in dBm	Draft 11n: HT20: Typ. 17 +/-1.5dBm @Normal Temp Range (2 Chains) HT40: Typ. 15 +/-1.5dBm @Normal Temp Range (2 Chains) 802.11g: Typ: 15 +/- 1.5 dBm @ Normal Temp Range 802.11b: Typ: 19 +/- 1.5 dBm @ Normal Temp Range
Receive Sensitivity	802.11n HT40/MCS15 270 Mbps: -67 dBm 10% PER 802.11n HT40/MCS0 13.5 Mbps: -75 dBm 10% PER 802.11n HT20/MCS15 130 Mbps: -69 dBm 10% PER 802.11n HT20/MCS0 6.5 Mbps: -79 dBm 10% PER 802.11g 54 Mbps: -74 dBm 10% PER 802.11g 6 Mbps: -84 dBm 10% PER 802.11b 11 Mbps: -86 dBm 10% PER 802.11b 1 Mbps: -92 dBm 10% PER
Antenna Gain in dBi	802.11g: 2.4 GHz <= 1.8dBi Draft 11n: 2.4 GHz <= 1.8 dBi
UPnP able/cert	Able
Security Features	WEP, WPA, WPA2, RADIUS, SPI Firewall
Security Key Bits	Up to 128-Bit Encryption
Supported File Systems for Storage Device	FAT16, FAT32, NTFS

Environmental

Dimensions	7.98" x 6.27" x 1.30" (202.79 x 159.18 x 33.14 mm)
Unit Weight	9.98 oz (283 g)
Power	12V / 1.5A (switching)
Certifications	FCC, UL, cUL, IC, RSS210, CE
Operating Temp.	0 to 40°C (32 to 104°F)
Storage Temp.	-20 to 60°C (-4 to 140°F)
Operating Humidity	10 to 80%, Relative Humidity, Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-N Broadband Router with Storage Link
- Setup CD-ROM
- User Guide on CD-ROM
- Quick Installation Guide
- Ethernet Network Cable
- Power Adapter
- Antennas (2, R-SMA)
- USB Extension Cable

Minimum Requirements

- Internet Explorer 6, Safari 3 or Firefox 2 or Higher for Browser-Based Configuration
- CD-ROM Drive
- Wired or Wireless Network Adapter with TCP/IP Protocol
- EasyLink Advisor software and Setup Wizard require Up-to-Date Windows XP, Vista, or Vista 64-Bit Edition
- Setup Wizard Also Runs under Mac OS X 10.4 or Higher

*The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Specifications are subject to change without notice.

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