

Step up to the speed of Wireless-N!

Get connected without wires. The Wireless-N Home Router gives you a wireless connection that's twice the speed of Wireless-G so your whole family can share a broadband Internet connection and access files from almost anywhere in the house.

Wireless Freedom

Wireless-N technology lets you surf the web from the living room, play on-line games from the bedroom, and listen to your digital music in the kitchen. The extra speed lets you connect more devices, and move files faster. And Wireless-N works great with your older devices, too.

Device Connectivity

Keep your digital files in one place, and share them from any computer on your network. Four built-in 10/100 Ethernet ports make it easy to connect additional wired computers, storage, printers, and other wired devices to your network.

Security Made Simple

Wireless security and firewall protection help safeguard your home network and computers from most Internet attacks.

DATASHEET

Step up to the speed of Wireless-N.

Share your high-speed Internet connection among several computers.

Easy to install on a Windows PC or Mac.



Wireless-N Home Router

Model: WRT120N

Features

- Complies with IEEE 802.11g and 802.11b standards, and compatible with some IEEE 802.11n draft 2.0 features
- Wi-Fi certified to ensure interoperability with IEEE 802.11g and 802.11b devices
- Industrial-strength wireless encryption WPA2™ to ensure security
- Easy-to-use setup wizard
- Equipped with 10/100 auto-crossover (MDI/MDI-X) Ethernet ports—no need for crossover cables
- Device can be placed horizontally or wall-mounted



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Specifications

Model	WRT120N
Standards	Complies with IEEE 802.3u, 802.11g, and 802.11b Standards, and Compatible with Some IEEE 802.11n Draft 2.0 Features
LEDs	Power, Internet, Wireless, Wi-Fi Protected Setup™, Ethernet (1-4)
Ports	Internet, Ethernet (1-4), Power
Buttons	Reset, Wi-Fi Protected Setup™
Cabling Type	Cat 5
# of Antennas	2 (internal)
Modulations	802.11b: CCK/QPSK, BPSK 802.11g: OFDM/BPSK, QPSK, 16-QAM, 64-QAM 802.11n: OFDM/BPSK, QPSK, 16-QAM, 64-QAM
Transmitted Power in dBm	802.11b: 16.5 ± 1.5 dBm (typical) 802.11g: 13.5 ± 1.5 dBm (typical) 802.11n: 13.5 ± 1.5 dBm (typical)
Receive Sensitivity in dBm	-94 dBm (typical) @ 1 Mbps -90 dBm (typical) @ 11 Mbps -75 dBm (typical) @ 54 Mbps -66 dBm (typical) @ 270 Mbps
Antenna Gain in dBi	2.0 (max)
UPnP able/cert	Able
Wireless Security	Wi-Fi Protected Access™ 2 (WPA2), WEP, Wireless MAC Filtering
Security key bits	Up to 128-bit Encryption
OS Requirements	Windows XP, Vista, or Vista 64-bit Edition with Latest Updates (for Network Magic and Setup Wizard) Mac OS X 10.4 or Higher (for Setup Wizard)

Environmental

Dimensions	7.99" x 1.38" x 6.3" (203 x 35 x 160 mm)
Weight	8.4 oz (238 g)
Power	12V, 1.0A
Certification	FCC, UL/cUL, ICES-003, RSS210, CE, Wi-Fi (IEEE 802.11b/g), WPA2™, WMM®, Wi-Fi Protected Setup™
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 60°C)
Operating Humidity	10% to 80% Noncondensing
Storage Humidity	5% to 90% Noncondensing

Package Contents

- Wireless-N Home Router
- Setup Software and User Guide on CD-ROM
- Quick Installation Guide
- Network Cable
- Power Adapter

Minimum Requirements

- Internet Explorer 6, Firefox 2, or Safari 3 or Higher for Browser-Based Configuration
- CD-ROM Drive
- Network Magic Software and Setup Wizard Require Windows XP, Vista, or Vista 64-bit Edition with Latest Updates
- Setup Wizard also Runs under Mac OS X 10.4 or Higher
- Wired or Wireless Network Adapter

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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