

Maximize wireless coverage. Network faster than ever before.

The Ultra RangePlus Wireless-N Broadband Router is really three devices in one box. First, there's the Wireless Access Point, which lets you connect to the network without wires. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices together. Finally, the Router function ties it all together and lets your whole network share a high-speed cable or DSL Internet connection.

The Access Point built into the Router uses the very latest wireless networking technology: Wireless-N (draft 802.11n). By overlaying the signals of multiple radios, Wireless-N's "Multiple In, Multiple Out" (MIMO) technology multiplies the effective data rate. Unlike ordinary wireless networking technologies that are confused by signal reflections, MIMO actually uses these reflections to increase the range and reduce "dead spots" in the wireless coverage area. The robust signal travels farther, maintaining wireless connections much farther than standard Wireless-G.

With Wireless-N, the farther away you are, the more speed advantage you get. It works great with standard Wireless-G and -B equipment, but when both ends of the wireless link are Wireless-N, the router can increase the throughput even more by using twice as much radio band, yielding speeds far faster than standard Wireless-G. But unlike other speed-enhanced technologies, Wireless-N can dynamically enable this double-speed mode for Wireless-N devices, while still connecting to other wireless devices at their respective fastest speeds. In congested areas, the "good neighbor" mode ensures that the Router checks for other wireless devices in the area before gobbling up the radio band.

To help protect your data and privacy, the Router can encode all wireless transmissions with industrial-strength 256-bit encryption. It can serve as your network's DHCP Server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, and supports VPN pass-through. Configuration is a snap with the web browser-based configuration utility.

The incredible speed of Wireless-N makes it ideal for media-centric applications like streaming video, gaming, and Voice over IP telephony, and gives you plenty of headroom to run multiple media-intense data streams through the network at the same time, with no degradation in performance. With the Linksys Wireless-N Broadband Router at the center of your home or office network, you can share a high-speed Internet connection, files, printers, and multi-player games, and run media-intensive applications at incredible speeds, without the hassle of stringing wires!

PRODUCT DATA

Internet-sharing Router and 4-port Switch, with a built in speed and range enhanced Wireless Access Point

MIMO technology uses multiple radios to create a robust signal that travels farther and reduces dead spots

Much faster than Wireless-G, but also works great with Wireless-G and -B devices

Wireless signals protected by wireless encryption, and your network protected from Internet attacks by a powerful SPI firewall



Ultra RangePlus Wireless-N Broadband Router

Model: WRT160N (EU)

Features

- Complies with IEEE draft 802.11n standards
- Blazing fast wireless speeds for high bandwidth applications such as video streaming or file sharing
- Expanded wireless coverage far beyond 802.11g products
- All LAN ports support auto-crossover (MDI/MDI-X) — no need for crossover cables

Specifications

Model	WRT160N
Standards	Draft 802.11n, 802.11g, 802.11b, 802.3, 802.3u
Ports	Power, Internet, Ethernet
Buttons	Reset, Wi-Fi Protected Setup
LEDs	Ethernet(1-4), Wi-Fi Protected Setup, Wireless, Internet, Power
Cabling Type	CAT 5e
Number of Antennas	2
Connector type	N/A
Detachable (y/n)	No
RF Pwr (EIRP) in dBm	17 dBm
Antenna Gain in dBi	1,5 dBi
UPnP able/cert	Able
.Net support	N/A
Security features	WEP, WPA, WPA2
Security key bits	128-bit, 256-bit

Environmental

Dimensions	202 x 34 x 160 mm
Weight	380 g
Power	12V, 1A
Certification	FCC, CE, IC-03, Wi-Fi
Operating Temp.	0 to 40C
Storage Temp.	-20 to 60°C
Operating Humidity	10 to 85%, Noncondensing
Storage Humidity	5 to 90%, Noncondensing

Package Contents

- Wireless-N Broadband Router
- Setup CD-ROM with Norton Internet Security
- User Guide on CD-ROM
- Ethernet Network Cable
- Quick Install
- Power Adapter

Minimum Requirements

- Internet Explorer 6.0 or Firefox 1.0
- CD-ROM drive
- Windows XP or Vista
- Wired or wireless network adapter
- For optimum wireless performance, we recommend Linksys Wireless-N adapters (WPC300N, WMP300N, or WUSB300N)

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.



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Model: WRT160N (EU)



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