LINKSYS® by Cisco

CISCO™

Command Performance

Built for speed—optimized for media. Music, movies, gaming: whatever you're into, the Simultaneous Dual-N Band Wireless Router delivers double the bandwidth and media-optimized performance so you can enjoy it more smoothly, with less lag, all around your home. Easy to use and set up; includes Mac setup wizard.

Double Bandwidth

Experience faster wireless connectivity with fewer interruptions with two bands of Wireless-N, today's most advanced wireless technology. The 5 GHz and 2,4 GHz bands are designed to work separately yet simultaneously, so you can easily customize your ideal configuration—for example, use the 2,4 GHz band to surf, email and print while keeping the less crowded 5 GHz band free for time-sensitive traffic like music, gaming and high-definition video. Built-in Media Optimized Networking technology gives time-sensitive traffic priority, so your media can run more smoothly, with fewer interruptions.

Extended Coverage

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 help boost range and reduce dead spots, while its ultra-wide bandwidth greatly reduces interference from nearby wireless devices.

Gigabit Connectivity

Four integrated 10/100/1000 Gigabit Ethernet ports let you connect networked storage, computers, and other devices directly to your network and access them at much faster speeds. Storage Link provides USB connectivity for hard drives and memory stick.

Advanced Security

Advanced wireless security and SPI firewall protection is designed to help safeguard your home network and computers from most Internet attacks. Includes 30-day free trial of Home Network Defender, designed to protect you and your family against cybercriminals and online predators by stopping threats before they get into your home network.

DATASHEET

#1 choice for wireless networking worldwide

Gigabit fast—accelerate your digital life

Dual-N Band: Two N radio bands for twice the bandwidth

Includes Linksys Entertainment Optimized Network technology (EON)

Simultaneous Dual-N Band Wireless Router

Model: **WRT610N (EU)**

Features

- Two simultaneous, separate, Wireless-N radio bands double your available bandwidth

- Storage Link lets you connect a hard drive or flash-based USB storage device to allow access to your music, video, or data files from within your network, or through the Internet

- 4-port Gigabit switch delivers wired speeds that are 10X faster than 10/100 connections

- Push button setup feature makes wireless configuration secure and simple (Wi-Fi Protected Setup)

- Advanced wireless security and a powerful firewall for protection from Internet hackers

- Entertainment Optimized Network (EON) prioritizes your media traffic to optimize gaming, video and music applications

Specifications

Model	WRT610N
Standards	Draft 802.11n, 802.11a, 802.11g, 802.11b, 802.3, 802.3u, 802.3ab
Ports	Power, Ethernet, Internet, USB
Buttons	Reset, Wi-Fi Protected Setup
LEDs	Power, USB, Internet, Wireless, Wi-Fi Protected Setup, Ethernet (1-4)
Number of Antennas	3 internal antennas per each 2,4 GHz and 5 GHz radio band
Detachable (y/n)	No
Modulations	802.11b: CCK, QPSK, BPSK 802.11g: OFDM 802.11a: OFDM Wireless-N: BPSK, QPSK, 16-QAM, 64-QAM
RF Power (EIRP) in dBm	2,4 GHz: 　802.11b: 16 ± 1,5 dBm Typical @ Normal Temp Range 　802.11g: 13,5 ± 1,5 dBm Typical @ Normal Temp Range 　Wireless-N 20 MHz: 13 ± 1,5 dBm Typical @ Normal Temp Range 　Wireless-N 40 MHz: 13 ± 1,5 dBm Typical @ Normal Temp Range 5 GHz: 　802.11a: 12,5 ± 1,5dBm Typical @ Normal Temp Range 　Wireless-N 20 MHz: 8,5 ± 1,5 dBm Typical @ Normal Temp Range 　Wireless-N 40 MHz: 11 ± 1,5 dBm Typical @ Normal Temp Range
Receive Sensitivity	2,4 GHz: 11 Mbps: -86 dBm @ Typical 　　　　　54 Mbps: -71 dBm @ Typical 　　　　　130 Mbps (20 MHz): -70 dBm @ Typical 　　　　　270 Mbps (40 MHz): -66 dBm @ Typical 5 GHz:　54 Mbps: -67 dBm @ Typical 　　　　130 Mbps (20 MHz): -68 dBm @ Typical 　　　　270 Mbps (40 MHz): -62 dBm @ Typical
Antenna Gain in dBi	2,4 GHz: RIFA 1 & RIFA 2 & RIFA 3 ≤ 4 dBi (Typical) 5 GHz: RIFA 1 & RIFA 2 & RIFA 3 ≤ 3,5 dBi (Typical)
UPnP	Supported
Security features	WEP, WPA, WPA2
Security key bits	Up to 128-bit encryption

Environmental

Dimensions	225 x 35 x 180 mm
Weight	452 g
Power	12V, 1,5A
Certification	FCC, IC, CE, Wi-Fi a/b/g/draft-n, Vista Premium logo, Recycle logo, Energy Star EPS, MAC
Operating Temp.	0 to 40°C
Storage Temp.	-20 to 60°C
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Simultaneous Dual-N BandWireless Router
- Setup software and User Guide on CD-ROM
- Ethernet Network Cable
- Power Adapter

Minimum Requirements

- Internet Explorer 6.0 , Safari 3.1 or Firefox 1.0 or higher for browser-based configuration
- CD-ROM drive
- Wired or Wireless Network Adapter with TCP/IP Protocol
- LELA 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
- For optimum performance, we recommend Linksys Dual-Band Wireless-N adapters

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