

5 GHz

2.4 GHz

Choose the band that works best for you

DUAL BAND N



XTREME N™ DUO™ MEDIA ROUTER

OPTIMIZED FOR HD VIDEO STREAMING

Wireless N offers superior wireless range and speed for smooth playback



COMPLETE SECURITY

Complete set of security features including active firewall and WPA2 to protect your network against outside intruders



INTELLIGENT QoS TECHNOLOGY

Multiple priority queues for clear VoIP service, smooth streaming multimedia, and speedy file transfers



BEST IN CLASS FEATURES

The D-Link Xtreme N™ Duo Gigabit Router is an 802.11n compliant device that delivers up to 14x faster speeds¹ and 6x farther range¹ than 802.11g, while remaining backward compatible with 802.11g devices. Powered by Xtreme N™ technology and equipped with three external antennas, this router provides superior wireless coverage for larger homes and offices, or for users running bandwidth intensive applications. Connect the Xtreme N™ Duo Router to a cable or DSL modem and provide high-speed Internet access to multiple computers, game consoles, and media players. Create a secure wireless network to share photos, files, music, videos, printers, and network storage. The DIR-855 comes with dual-band functionality, which concurrently supports 2.4 GHz and 5 GHz radio frequencies, an LCD panel, and a 4-port 10/100/1000 Gigabit switch that connects Gigabit wired devices for lag-free network gaming and fast file transfers.

INTELLIGENT QoS ENGINE

The DIR-855 comes with D-Link's Intelligent QoS technology, which analyzes and separates wired and wireless traffic into multiple data streams. The DIR-855's embedded Wireless Intelligent Stream Handling (WISH) technology improves wireless media by moving time-sensitive tagged traffic towards the front of the queue. WISH automatically detects multimedia, VoIP and online gaming applications, requiring no need for user configuration. It works transparently with other QoS technologies to immediately improve wireless media speed.

ADVANCED NETWORK SECURITY

The Xtreme N™ Duo supports the latest wireless security features to help prevent unauthorized access, whether from over a wireless network or the Internet. Support for WPA and WPA2 standards ensures that you will be able to use the best possible encryption regardless of your client devices. In addition to these extensive features, this router utilizes Dual Active Firewalls (SPI and NAT) to prevent potential attacks from across the Internet. Delivering best-in-class performance, network security, and coverage, the DIR-855 Xtreme N™ Duo Router is the ideal centerpiece for your wireless network for the home or office.

WHAT THIS PRODUCT DOES

The D-Link DIR-855 Xtreme N™ Duo Router allows you to easily upgrade any router to support streaming of High-Definition (HD) multimedia content in your home over a wireless connection. You can use it with an entertainment center, simultaneously connecting up to four Ethernet-enabled devices to the DIR-855 such as game consoles, Digital Video Recorders (DVR), and Digital Media Adapters (DMA). Create a wireless network and share your high-speed Internet access at greater distances than ever before.

XTREME N™ ROUTER BENEFITS

- Concurrent dual-band operation at both 2.4 GHz and 5 GHz frequencies
- Intelligent Wireless Prioritization technology
- Xtreme N™ technology allows for farther home coverage¹
- Wireless Intelligent Stream Handling (WISH)
- Secure your wireless network using advanced WPA or WPA2 encryption
- Easy to get started with D-Link's new Router Setup Wizard
- Backward compatible with 802.11g devices including game consoles and digital media players

MINIMUM SYSTEM REQUIREMENTS

For setup:

- Windows XP SP2/Vista/7, or MAC OS X (v10.4)
- Internet Explorer 6 or later, or Mozilla Firefox v1.5 or later
- CD-ROM drive

For operation:

- Cable or DSL modem
- Subscription to an Internet Service Provider (ISP)

TECHNICAL SPECIFICATIONS

STANDARDS

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u

INTERFACE TYPE

- 4 Gigabit LAN ports
- 1 Gigabit WAN port
- 1 USB Port (for Windows® Connect Now)

ANTENNA TYPE

- 3 External reverse SMA dual-band antennas

SECURITY

- WPA™ & WPA2™ (Wi-Fi Protected Access)
- Wi-Fi Protected Setup™ (WPS) - PIN & PBC

INSTALLATION

- Router Setup Utility²

ADVANCED FIREWALL FEATURES

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-through / Multi-sessions PPTP / L2TP / IPSec

DEVICE MANAGEMENT AND MONITORING

- Internet Explorer® 6 or later; Mozilla® Firefox® v1.5 or later; or other Java-enabled browsers
- D-Link Network Monitor Yahoo! Widget
- D-Link Internet Usage Meter Yahoo! Widget

DIMENSIONS

- 120.5 x 198 x 40.9 mm (4.6" x 7.6" x 1.2")

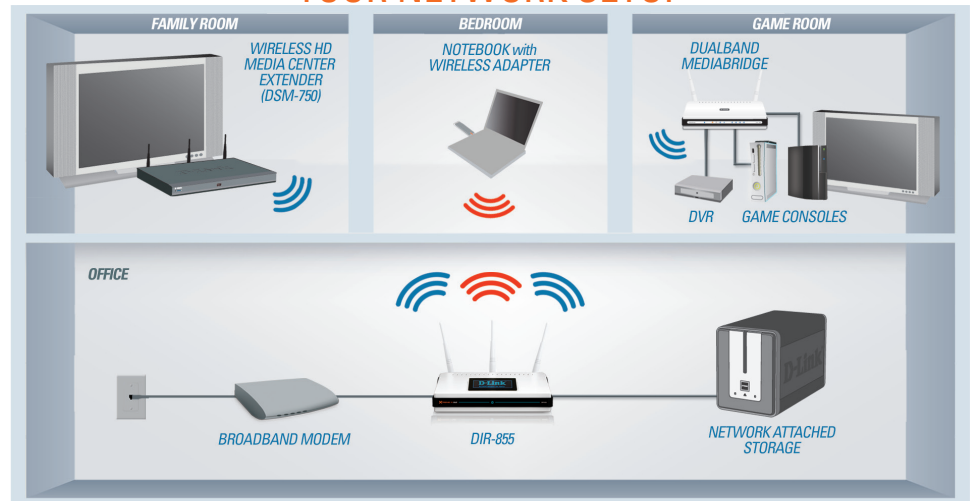
WEIGHT

- 535 grams (1.1lbs)

CERTIFICATIONS

- FCC Class B
- CE
- IC
- C-Tick
- Wi-Fi® Certified

YOUR NETWORK SETUP



¹ Maximum wireless signal rates derived from IEEE standard 802.11g and 802.11n specifications. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building's materials and construction, and network overhead can lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are relative to performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.
² The software included with this product is not Mac-compatible, however, is not required during setup.

Computer must adhere to Microsoft's recommended System Requirements. All references to speed and range are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein. D-Link, the D-Link logo, RangeBooster N 650 and Xtreme N™ are trademarks or registered trademarks of D-Link Corporation and its overseas subsidiaries. All other trademarks or registered trademarks are the property of their respective owners.



D-Link Corporation
 No. 289 Xinhua 3rd Road, Neihu, Taipei 114, Taiwan
 Specifications are subject to change without notice.
 D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries.
 All other trademarks belong to their respective owners.
 ©2011 D-Link Corporation. All rights reserved.
 Release 02 (January 2011)