

D-Link®

5GHz

2.4GHz

Choose the band that works best for you

DUAL BAND N



XTREME N™ DUO™ MEDIA ROUTER

Optimized for HD video streaming

Superior performance over competing draft N routers

Intelligent QoS prioritization technology



BEST IN CLASS FEATURES

The D-Link Xtreme N™ Duo Gigabit Router is a draft 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 function, which concurrently supports 2.4GHz and 5.0GHz 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 ensure 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, such as 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.

WIRELESS

N

DIR-855

WHAT THIS PRODUCT DOES

The D-Link DIR-855 Xtreme N Duo Router allows you to easily upgrade any router to support the streaming of High-Definition (HD) multimedia content in your home over a wireless connection. You can use it with an entertainment center, connecting up to 4 Ethernet-enabled devices to the DIR-855 such as game consoles, Digital Video Recorders (DVR), and Digital Media Adapters (DMA) all at the same time. 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 2.4GHz and 5.0GHz 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 Quick Router Setup Wizard
- + Backward compatible with 802.11g devices including game consoles and digital media players



MINIMUM SYSTEM REQUIREMENTS

For setup:

- + Computer with:
 - Windows Vista, Windows XP SP2, Windows 2000 SP4, or MAC OS X (v10.4)
 - Internet Explorer v6 or Mozilla Firefox v1.5
 - CD-ROM drive
 - Network Interface Card

For operation:

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

TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11a
- + IEEE 802.3
- + IEEE 802.11g
- + IEEE 802.11b
- + 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 Dualband Antennas

SECURITY

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

INSTALLATION

- + Quick Router Setup Utility²

ADVANCED FIREWALL FEATURES

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

DEVICE MANAGEMENT

- + Internet Explorer® v6 or Later; Mozilla® Firefox® v1.5 or Later; or other Java-enabled Browsers

CERTIFICATIONS

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

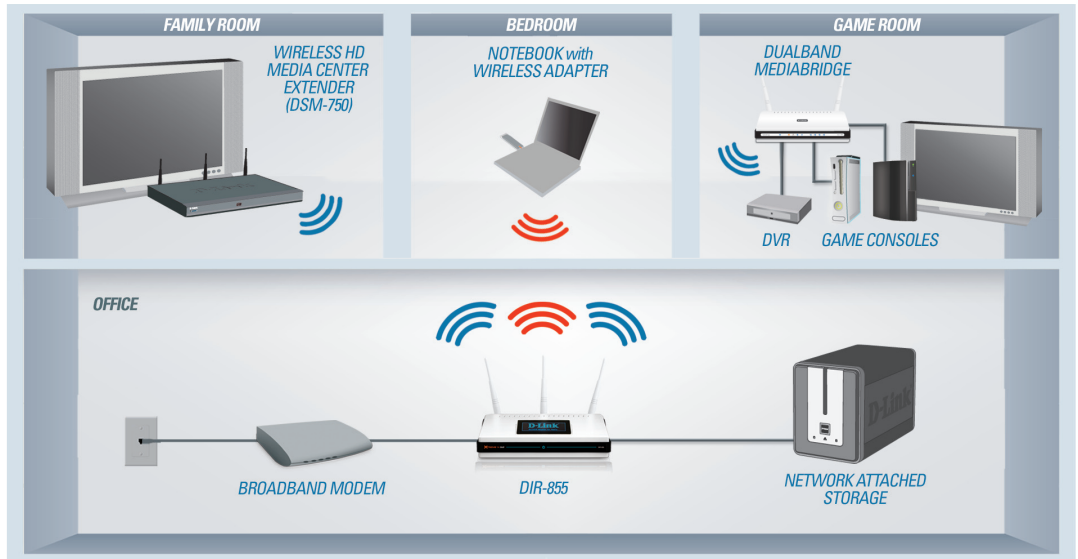
DIMENSIONS

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

WEIGHT

- + 535 grams (1.1lbs)

YOUR NETWORK SETUP



¹ Maximum wireless signal rates derived from IEEE standard 802.11g and draft 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 draft 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.

This product is based on IEEE draft 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. 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.

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