

up to **6x** range¹
14x speed

Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link.



XTREME N™ DUO GIGABIT ROUTER

Superior performance over competing Draft N routers

Simultaneously operates at both the 2.4GHz and 5.0GHz mode

Intelligent QoS 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.

HARD DRIVE, MULTIFUNCTION PRINTER SHARING, 3G MOBILE INTERNET CONNECTION

Using the SharePort™ Network USB Utility, you can connect an external hard drive or multifunction printer to the router's USB port to share disk space, printing or scanning functions among family members or a group of users. This USB port also supports D-Link 3G adapter connection, so you can connect your router to a 3G mobile service to provide Internet access to a group while travelling.

WHAT THIS PRODUCT DOES

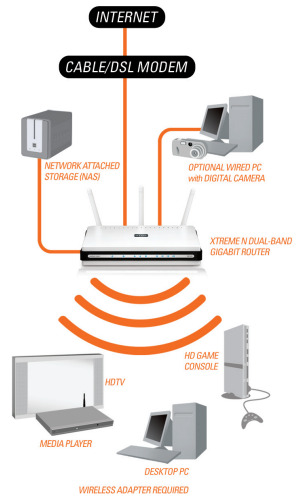
The D-Link DIR-855 Xtreme N Duo Router allows you to easily upgrade any router to support the streaming of High-Definition (HD) multimedia content in your home over a wireless connection. You can use it with an entertainment center, connecting up to 4 Ethernet-enabled devices to the DIR-855 such as game 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



YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11n (draft)
- + IEEE 802.11g
- + IEEE 802.11a
- + IEEE 802.3ab
- + IEEE 802.3u

DEVICE INTERFACES

- + 802.11n (draft) wireless LAN
- + 10/100/1000BASE-T Gigabit WAN port
- + 4 10/100/1000BASE-T Gigabit LAN ports
- + USB 2.0 port

ANTENNA TYPE

- + 3 External 2dBi RP-SMA dipole antennas

SECURITY

- + WPA & WPA2 (Wi-Fi Protected Access)

ADVANCED FIREWALL FEATURES

- + Network Address Translation
- + Stateful Packet Inspection (SPI)
- + VPN Pass-Through/Multi-Sessions PPTP/L2TP/IPSec

QoS

- + QoS Engine for prioritizing traffic
- + Wireless Intelligent Stream Handling (WISH)

SharePort™ FUNCTION SUPPORT

- Allows connection of external hard drive or multifunction printer to USB port
- Allows sharing of HD space, printing and scanning functions*

DEVICE MANAGEMENT

- + UPnP Support
- + DDNS Support
- + Integrated Wireless Security Wizard
- + Windows Connect Now (WCN) support
- + Web-based Management using Internet Explorer v6 or above; Mozilla Firefox v2.0 or above; and other Java-enabled browsers
- + E-mail Notification for triggered events

* HD and multifunction equipment can only be accessed by a single user at a time

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.

INSTALLATION

- + Quick Router Setup Utility²

MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
 - Pentium 3 800MHz or better processor
 - 256MB RAM or higher
 - Windows Vista, XP SP2, 2000, 2003 or Mac OS X v10.4 or higher
 - CD ROM drive
 - SharePort™ Network USB Utility

DISPLAY PANEL

- + 84 x 25.8 mm
- + Black and Blue

LED

- + Power

DIMENSIONS

- 120.5 x 198 x 40.9 mm (4.7 x 7.8 x 1.6 inches)

WEIGHT

- 376 grams (0.83 lbs)

CERTIFICATIONS

- + FCC Class B
- + CE
- + IC
- + C-Tick
- + Wi-Fi a/b/g/n (draft)
- + Wi-Fi Protected Setup (WPS)
- + Certified For Windows Vista