

SIMULTANEOUS
DUAL
BAND **N**

2 WIRELESS
NETWORKS
IN ONE ROUTER



XTREME N™

DUAL BAND GIGABIT ROUTER

HD Fuel™ for better video streaming and online gaming

Superior performance over competing draft N routers

Intelligent QoS prioritization technology



BENEFITS OF DUAL BAND

The D-Link® Xtreme N™ Dual Band Gigabit Router DIR-825 uses dual band technology to support 2.4GHz & 5GHz wireless signals at the same time. This allows you to check e-mail and browse the Internet using the 2.4GHz band while simultaneously streaming High-Definition (HD) movies and other media on the 5GHz band. The DIR-825 is designed for users looking to get a true HD wireless connection that can handle multiple HD video streams throughout the house, while being backward compatible with existing 802.11g and 802.11a products.

SHAREPORT™

With SharePort™ technology you can connect a USB printer or storage device to your router and allow users to access them from anywhere on the network. Conveniently turn your existing USB printers and storage devices into network devices for everyone to share.

POWERED BY HD FUEL™

Use the power of HD Fuel to play your movies and games with superior router technology. We've combined the clarity of the 5GHz wireless band with our advanced Intelligent QoS engine to create the finest HD streaming media you can experience.

WHY INTELLIGENT QoS IS BETTER!

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), Video Streaming, Online Gaming, and Web browsing are mixed together into a single data stream. By handling data this way, applications like Streaming Video could pause or delay. With the D-Link Intelligent QoS Prioritization Technology, wired and wireless traffic are analyzed and separated into multiple data streams. These streams are then categorized by sensitivity to delay, so applications like VoIP, Video Streaming, and Online Gaming can be given top priority. This enables multiple applications to stream smoothly to your TV or PC.

IPV6 READY

This router carries both the silver and gold IPv6 Ready logos, signifying that it not only supports the IPv6 protocol, but is also compatible with IPv6 equipment from other manufacturers. It allows you to move to a 128-bit addressing system and directly connect to anybody in the world using your unique IP address. Using a dual-stack architecture, this router can handle routing for both IPv4 and IPv6 networks at the same time, so you can be assured that your equipment is forward and backward compatible.

THINK GREEN

D-Link Green™ devices are about providing eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging.

CONSERVES ENERGY

- + Automatically powers down ports that have no link
- + Budgets power output for different Ethernet cable lengths
- + Includes wireless LAN scheduling, which can shut down your wireless network when not in use for further power savings
- + Reduces energy consumption by using an Energy Star® qualified power adapter

PROTECTING THE ENVIRONMENT

- + Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
- + Uses recyclable packaging to help reduce waste that goes into the environment

RECOMMENDED SYSTEM REQUIREMENTS

- For Optimal Wireless Performance:
- + Use with Xtreme N Dual Band USB Adapter (DWA-160)

MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
 - Windows Vista®, Windows XP® SP23 or Mac OS® X (v10.4)4
 - Internet Explorer v6 or Mozilla Firefox v1.5
 - CD-ROM
 - Network Interface Card
- + For Internet Access
 - Cable or DSL Modem
 - Subscription with an Internet Service Provider (ISP)

PACKAGE CONTENTS

- + Xtreme N Dual Band Gigabit Router
- + 2 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM5 with
 - Installation Wizard
 - Product Documentation

STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11g
- + IEEE 802.11a
- + IEEE 802.3
- + IEEE 802.3u

INTERFACE TYPE

- + 4 Gigabit LAN Ports
- + 1 Gigabit WAN Port
- + 1 USB Port (for SharePort™ & Windows® Connect Now)

ANTENNA TYPE

2 External Reverse SMA Dualband Antennas

SECURITY

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

DEVICE MANAGEMENT

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

TECHNICAL SPECIFICATIONS

ADVANCED FIREWALL FEATURES

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

CERTIFICATIONS

- + FCC Class B
- + IC
- + IPv6 Gold
- + Wi-Fi®
- + CE Class B
- + C-Tick
- + Certified for Windows Vista

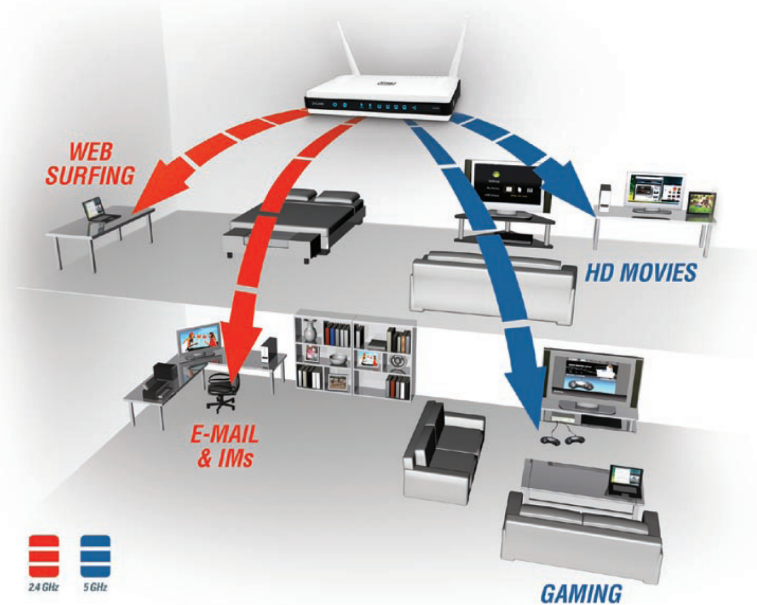
DIMENSIONS

- + 117x193x30.5mm (4.6" x 7.6" x 1.2")

WEIGHT

- + 318grams (0.7 lbs)

YOUR NETWORK SETUP



¹ Maximum wireless signal rate derived from IEEE Standard 802.11g, 802.11a, and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. 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. Maximum throughput based on D-Link's draft 802.11n devices.

² 1-Year Limited Warranty available only in the USA and Canada.

³ Computer must adhere to Microsoft's recommended System Requirements.

⁴ The software included with this product is not Mac-compatible.

⁵ Latest software and documentation are available at <http://support.dlink.com>.

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.