

5GHz

2.4GHz

Choose the band that works best for you

DUAL
BAND **N**



RANGEBOOSTER N® DUAL BAND ROUTER

Wirelessly stream HD video, share files, & go online

Connect computers, game consoles, and media players to the Web

Optimized for HD video streaming



EXCEPTIONAL PERFORMANCE

The D-Link RangeBooster N® Dual Band Router (DIR-628) is designed for users looking to create a high-performance wireless network. Connect the RangeBooster N Dual Band 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, printers, and more, from greater distances throughout your entire home or office¹. We've also included a QoS engine that prioritizes time-sensitive online traffic to enable smooth Internet phone calls (VoIP) and responsive gaming.

DUAL BAND WIRELESS COVERAGE

Dual Band N is the latest addition to the RangeBooster N product family. The dual band technology in the DIR-628 supports selectable 2.4GHz or 5GHz wireless signals. This allows you to check e-mail and browse the Internet using the 2.4GHz band or stream HD movies and other media on the 5GHz band.

SHAREPORT™ TECHNOLOGY

D-Link has created SharePort™ technology to bring more flexibility to your network. With SharePort technology, you can share a USB printer throughout your network. You can also share a USB storage device, providing network storage for everyone to share⁶.

ADVANCED NETWORK SECURITY

The RangeBooster N Router supports the latest wireless security features to help prevent unauthorized access, be it from over a wireless network or from 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, this RangeBooster N router utilizes dual active firewalls (SPI and NAT) to help prevent potential attacks from across the Internet.

Delivering unmatched wireless performance, network security, and coverage, the RangeBooster N Dual Band Router (DIR-628) is ideal for networking in larger homes and offices.

WHAT THIS PRODUCT DOES

- + Delivers up to 12x faster speeds¹ and 4x farther range¹ than 802.11g
- + Dual Band N technology enables HD video streaming, file sharing, enhanced Internet phone calling (VoIP), and Web surfing
- + Access a secure wireless network using advanced WPA™ or WPA2™ encryption
- + Easy to install and use with the D-Link Quick Router Setup Wizard or using Wi-Fi Protected Setup™ (WPS)
- + Backward compatible with 802.11g devices including game consoles and digital media players

WHAT IS 5GHz?

5GHz is ideal for wirelessly streaming multiple HD videos across your network. It helps avoid interference by providing a clearer wireless band for HD signals than existing 802.11g products.



TECHNICAL SPECIFICATIONS

STANDARDS

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

DEVICE INTERFACE

- + 4 10/100 LAN Ports
- + 1 10/100 WAN Port

ANTENNA TYPE

2 External Reversed SMA Antennas

SECURITY

- + Wi-Fi Protected Access™ (WPA™, WPA2™)

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

MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
 - Windows Vista® Windows® XP SP2
 - Windows 2000®, or Mac OS® X (v10.4)⁴
 - Internet Explorer® v6 or Mozilla® Firefox® v1.5
 - CD-ROM Drive
 - Network Interface Card
- + For Internet Access
 - Cable or DSL Modem
 - Subscription with an Internet Service Provider (ISP)

PACKAGE CONTENTS

- + RangeBooster N® Dual Band Router
- + 2 Detachable Antennas
- + Ethernet Cable
- + Power Adapter
- + CD-ROM® with
 - Installation Wizard
 - Product Documentation

LEDs

- + Power
- + Status
- + WAN
- + WLAN (Wireless Connection)
- + USB
- + LAN (10/100)

CERTIFICATIONS

- + FCC Class B
- + CE
- + Wi-Fi®

DIMENSIONS

- + Item (WxDxH): 4.6" x 7.6" x 1.2"
- + Packaging (WxDxH): 8.1" x 10.9" x 2.6"

WEIGHT

- + Item: 0.7 lbs
- + Packaging: 2.0 lbs

WARRANTY

1-Year Limited²

¹ Maximum wireless signal rate derived from IEEE Standard 802.11n 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 an 802.11g Wireless G product from D-Link.

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>.

⁶ SharePort™ references contained herein apply to Firmware version 1.13 and later.

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 that are not Wi-Fi® certified is not guaranteed. All references to speed and range, including the performance chart, 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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