

up to **6x** range¹
14x speed¹

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™ GIGABIT ROUTER

Superior Performance Over
Competing Draft N Routers

Backward Compatible With 802.11g and
802.11b Devices

Intelligent QoS Technology



BEST-IN-CLASS FEATURES

The D-Link Xtreme N™ Gigabit Router (DIR-655) is a draft 802.11n compliant device that delivers up to 14x faster speeds¹ and 6x farther range¹ than 802.11g while staying backward compatible with 802.11g and 802.11b devices. Connect the Xtreme N™ Gigabit 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. 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. The DIR-655 also includes a 4-port 10/100/1000 Gigabit switch that connects Gigabit wired devices for lag-free network gaming and faster file transfers.

INTELLIGENT QoS ENGINE

With D-Link's Intelligent QoS Technology, wired and wireless traffic are analyzed and separated into multiple data streams. The DIR-655's embedded WISH Stream Engine improves wireless media by moving time-sensitive tagged traffic to the front of the WMM queue and optimizing RF settings for optimal wireless throughput. WISH (Wireless Intelligent Stream Handling) automatically detects multimedia, VoIP and Online Gaming applications, requiring no users' configuration. It works transparently with other QoS technologies to immediately improve wireless media speed.

ADVANCED NETWORK SECURITY

The Xtreme N™ Gigabit Router supports the latest wireless security features to help prevent unauthorized access, be it from over a wireless network or the Internet. Support for WEP, WPA, and WPA2 standards ensure that you will be able to use the best possible encryption regardless of your client devices. In addition, this Xtreme N™ Gigabit 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 Xtreme N™ Gigabit Router (DIR-655) is the ideal centerpiece for your wireless network in the home or office.

WHAT THIS PRODUCT DOES

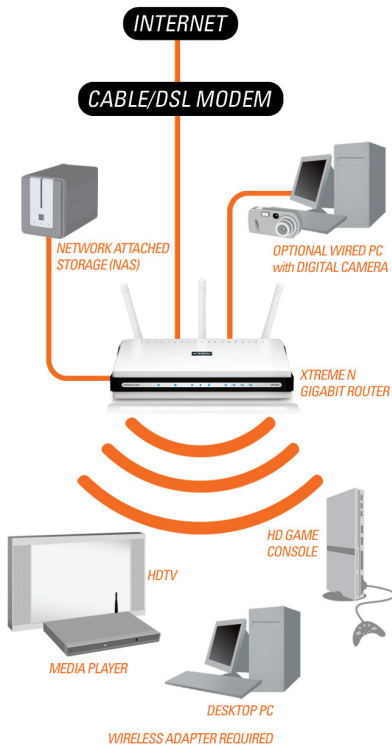
Create a wireless network to share high-speed Internet access with computers, game consoles, or media players from greater distances in your home or office.

XTREME N™ ROUTER BENEFITS

- + Intelligent Wireless Prioritization Technology
- + Xtreme N technology allows for farther home coverage¹
- + Secure your wireless network using advanced WEP, WPA™, or WPA2™ encryption
- + Easy to get started with D-Link's new Quick Router Setup Wizard
- + Supports Good Neighbor Policy – will not interfere with other wireless networks
- + Backward compatible with 802.11g and 802.11b devices including -game consoles and digital media players



YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11n (draft)
- + IEEE 802.11g
- + IEEE 802.11b
- + IEEE 802.3
- + 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

- + 64/128-bit WEP
- + WPA & WPA2 (Wi-Fi Protected Access)

ADVANCED FIREWALL FEATURES

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

QoS

- + QoS Engine for Prioritizing Traffic
- + WISH Stream Engine

DEVICE MANAGEMENT

- + UPnP Support
- + DDNS Support
- + Integrated Wireless Security Wizard
- + Windows Connect Now (WCN) Support
- + Web-Based Management Using Internet Explorer v6 or Later; Mozilla Firefox v1.5 or Later; or Other Java-Enabled Browsers
- + Automatic Firmware Update Notification
- + E-Mail Notification for Triggered Events

INSTALLATION

- + Quick Router Setup Utility³
- + Desktop or Wall Mount

RECOMMENDED SYSTEM REQUIREMENTS

- For Optimal Wireless Performance:
- + RangeBooster N™ 650 Adapters (DWA-547 or DWA-645)

LEDS

- + Power
- + Status
- + WAN
- + WLAN
- + LAN
- + USB

DIMENSIONS

116.8 x 193 x 30.5 mm (4.6 x 7.6 x 1.2 inches)

WEIGHT

317 grams (0.7 lb)

CERTIFICATIONS

- + FCC Class B
- + CE
- + IC
- + C-Tick
- + Wi-Fi B/G
- + WMM
- + Works with Windows Vista

¹ Maximum wireless signal rate derived from IEEE standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, buildings materials and construction, and network overhead, hinder 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 draft 802.11n devices.

² Computer must adhere to Microsoft's recommended System Requirements.

³ The software included with this product is not Mac-compatible.

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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