up to **6x** range[1]

14x speed[1]

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

HIGH PERFORMANCE
Superior performance over competing N routers

BACKWARD COMPATIBILITY
Backward compatible with 802.11g and 802.11b devices

QUALITY OF SERVICE
Intelligent QoS prioritization technology ensures smooth streaming media

BEST-IN-CLASS FEATURES
The D-Link DIR-655 Xtreme N™ Gigabit Router is an 802.11n compliant device that delivers up to 14x faster speeds[1] and six times the range[1] of 802.11g devices while staying backward compatible with 802.11g and 802.11b devices. Connect the Xtreme N™ Gigabit Router to a cable or DSL modem and share your high-speed Internet access with 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. 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 is analyzed and separated into multiple data streams. The DIR-655's embedded WISH Stream Engine improves wireless media streaming 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 user 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, the Xtreme N™ Gigabit Router utilizes Dual Active Firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

SHARE A STORAGE DEVICE, PRINTER, OR 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 or printing and scanning functions among family members or a group of users. This USB port also supports compatible D-Link 3G adapters, so you can connect your router to a 3G mobile service to provide Internet access to a group while travelling.
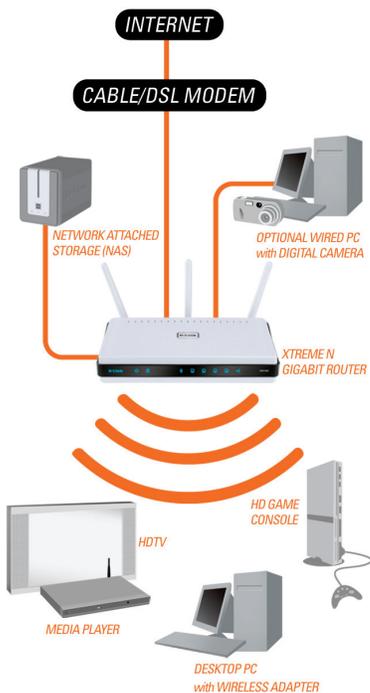
WIRELESS N

XTREME N™ GIGABIT ROUTER
DIR-655

WHAT THIS PRODUCT DOES

Create a wireless network for sharing your high-speed Internet access with multiple computers, game consoles, or media players anywhere in your home or office.

XTREME N™ ROUTER BENEFITS

- Intelligent Wireless Prioritization Technology
- Xtreme N™ technology allows for improved home coverage[1]
- Secure your wireless network using advanced WEP, WPA, or WPA2 encryption
- Easy setup with the included 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
- Ready for the future of the Internet with IPv6 support (128-bit addressing system)

YOUR NETWORK SETUP

INTERNET

CABLE/DSL MODEM

NETWORK ATTACHED STORAGE (NAS)

OPTIONAL WIRED PC with DIGITAL CAMERA

XTREME N GIGABIT ROUTER

HD GAME CONSOLE

HDTV

MEDIA PLAYER

DESKTOP PC with WIRELESS ADAPTER

TECHNICAL SPECIFICATIONS

STANDARDS
- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab

DEVICE INTERFACES
- 802.11n 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 2 dBi 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 AND MONITORING
- UPnP support
- DDNS support
- Integrated Wireless Security Wizard
- Windows Connect Now (WCN) support
- Web-Based management using Internet Explorer 6 or later; Firefox 2.0 or later; or other Java-enabled browser
- Automatic firmware update notification
- E-mail notification for triggered events
- D-Link Network Monitor Yahoo! Widget
- D-Link Internet Usage Meter Yahoo! Widget

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

INSTALLATION
- Setup Wizard[3]
- SharePort™ Network USB Utility
- Desktop or wall mount

SYSTEM REQUIREMENTS
Computer with:
- Pentium 3 800 GHz or better processor
- 256 MB RAM or higher
- Windows XP SP2/Vista/7, or Mac OS X v10.4 or higher
- CD-ROM drive
- SharePort™ Network USB Utility

For optimal wireless performance:
- Rangebooster N™ 650 Adapter (DWA-645)

LEDs
- Power
- Status
- Internet / WAN
- WLAN
- LAN
- USB

DIMENSIONS (L x W x H)
- 120.5 x 198 x 32 mm (4.6 x 7.6 x 1.3 inches)

WEIGHT
- 341.5 grams (0.75 lb)

CERTIFICATIONS
- FCC Class B
- CE
- IC
- C-Tick
- IPv6 Ready
- Wi-Fi Certified
- WMM
- Compatible with Windows 7

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

1 Maximum wireless signal rate derived from IEEE standard 802.11g and 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, 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 802.11n devices.
2 Computer must adhere to Microsoft's recommended System Requirements.
3 The software included with this product is not Mac-compatible.

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.

WIRELESS N

XTREME N™ GIGABIT ROUTER
DIR-655