



RANGEBOOSTER N™ 650 ROUTER

TOTAL PERFORMANCE

Combines award-winning QoS Engine and the latest draft 802.11n technology for total network performance

TOTAL SECURITY

Complete set of security features including Active Firewall and WPA/WPA2™ to protect your network

TOTAL COVERAGE

Provides greater wireless signal rates even at farther distances for best-in-class Whole Home Coverage



ULTIMATE PERFORMANCE

The D-Link RangeBooster N™ 650 Router (DIR-635) is a draft 802.11n compliant device that delivers real world performance of up to 650% faster than an 802.11g wireless connection and faster than 100Mbps wired Ethernet¹. Connect the RangeBooster N™ 650 Router to a cable or DSL modem and share your high-speed Internet access with everyone on the network. Create a secure wireless network to share photos, files, music, video, printers, and network storage throughout your home. With a built-in award-winning QoS Engine, this router provides a better Internet experience by keeping digital phone calls (VoIP) and online gaming smooth and responsive.

EXTENDED WHOLE HOME COVERAGE

Powered by RangeBooster N 650 technology, this high performance router provides superior Whole Home Coverage while eliminating dead spots. The RangeBooster N 650 Router is designed for use in bigger homes and for users that demand higher performance networking. Add a RangeBooster N 650 notebook or desktop adapter and stay connected to your network from virtually anywhere in your home.

TOTAL NETWORK SECURITY

The RangeBooster N 650 Router supports all of the latest wireless security features to prevent unauthorized access, be it from over the wireless network or from the Internet. Support for WPA™ and WEP standards ensure that you'll be able to use the best possible encryption, regardless of your client devices. In addition, the RangeBooster N 650 Router utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

Delivering best-in-class wireless performance, total network security, and greater Whole Home Coverage, the RangeBooster N 650 Router is the ideal centerpiece of your wireless network.

WHAT THIS PRODUCT DOES

Connect the D-Link RangeBooster N™ 650 Router to your cable or DSL modem and share your high-speed Internet connection with multiple computers in your home. This router creates a high-speed and completely secure wireless network to share photos, files, music, video, printers, and storage. Get a better Internet experience and extend your network coverage with the D-Link RangeBooster N 650

GET CONNECTED, STAY CONNECTED

Based on the latest 802.11n (draft) specifications, RangeBooster N 650 technology delivers real world performance of up to 650% faster than 802.11g and faster than a 100Mbps wired Ethernet connection¹. It delivers wireless signals at farther distances for best-in-class Whole Home Coverage. Transfer files faster across your network and access the Internet from virtually anywhere in your home by adding a RangeBooster N 650 adapter to your desktop or notebook PC.



TECHNICAL SPECIFICATIONS

STANDARDS

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

EMISSION SCHEMES

- + DSSS, OFDM

DATA MODULATION SCHEMES

- + DBPSK, DQPSK, CCK and OFDM (BPSK/QPSK/16-QAM/64-QAM)

DATA RATES

- + 802.11g: 6/9/12/18/24/36/48/54Mbps
- + 802.11b: 1/2/5.5/11Mbps
- + 802.11n: 30/60/90/120/180/240/270/300 Mbps

TRANSMIT OUTPUT POWER*

- + 17dbm (typical)

* Maximum output power setting varies according to individual country.

EIRP

- + 19dBm (79.43mW) (typical)

ANTENNAS

- + 3 detachable 2dBi dipole antennas
- + (RP-SMA connectors)

SECURITY

- + 64/128-bit WEP data encryption*
- + Wi-Fi Protected Access (WPA, WPA2)
- + MAC/IP address filtering (user access control)
- + URL filtering/domain blocking/scheduling (parental control)

* Supported in future firmware upgrade

FIREWALL

- + Network Address Translation (NAT)
- + Stateful Packet Inspection (SPI)
- + VPN pass-through
- + Multi-session PPP/L2TP/IPSec

DEVICE MANAGEMENT

- + Internet Explorer v.6 or later, Mozilla Firefox v.1.5 or later, or other Java-enabled browser

POWER INPUT

- + 5 VDC 3A
- Through external power adapter

DIAGNOSTIC LEDS

- + Power
- + Status
- + WAN
- + WLAN
- + USB
- + LAN (10/100) (per port)

DIMENSIONS

- + 116.84 x 193.04 x 30.48 mm (4.6 x 7.6 x 1.2 inches)

WEIGHT

- + 368.3 grams (0.8 lb)

OPERATING TEMPERATURE

- 0° to 40°C

STORAGE TEMPERATURE

- 20° to 65°C

OPERATING HUMIDITY

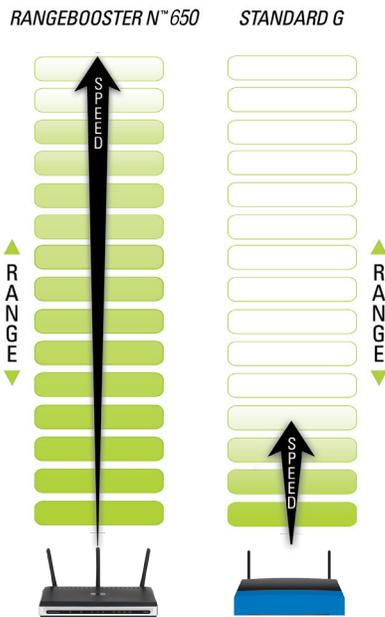
- 10% to 95% non-condensing

STORAGE HUMIDITY

- 5% to 95% non-condensing

EMI CERTIFICATION

- + FCC Class B
- + CE
- + C-Tick
- + IC



WIRELESS

* Maximum wireless signal rate derived from IEEE standard 802.11g and draft 802.11n specifications. 802.11n speeds obtainable when operating among RangeBooster N products. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, can lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

RangeBooster N products are based on draft IEEE 802.11n specifications and are not guaranteed to be forward compatible with future versions of the IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. All references to speed 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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