

4x^{range}¹
up to
12x^{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.



RANGEBOOSTER N® DESKTOP ADAPTER

Wirelessly connect to the Internet for work or play

Greater wireless reception around your home or office

Backward compatible with 802.11g networks



EXCEPTIONAL PERFORMANCE

The D-Link RangeBooster N® Desktop Adapter (DWA-542) is a draft 802.11n compliant wireless client for your desktop PC that delivers up to 12x faster speeds¹ and 4x farther range¹ than an 802.11g network while staying backward compatible with 802.11g networks. Once connected, you can share a high-speed Internet connection, photos, files, music, printers, and more.

GET CONNECTED, STAY CONNECTED

The RangeBooster N Desktop Adapter is powered by RangeBooster N technology to provide superb wireless performance in the home or office. Connect to a RangeBooster N Router (DIR-625) and experience smooth Internet phone calls (VoIP), responsive network gaming, secure Web surfing, faster file transfers, enhanced audio streaming, and greater wireless coverage in larger homes and offices¹. The DWA-542 supports WPA™ and WPA2™ encryption that allow you to connect securely to a wireless network.

EASY TO SETUP, EASY TO USE

D-Link's Quick Adapter Setup Wizard guides you step-by-step through the installation process. Configure this desktop adapter without having to call a networking expert to help you.

With unmatched wireless performance, reception, and security protection, the D-Link RangeBooster N Desktop Adapter (DWA-542) is a great choice for easily adding or upgrading wireless connectivity to your desktop PC.



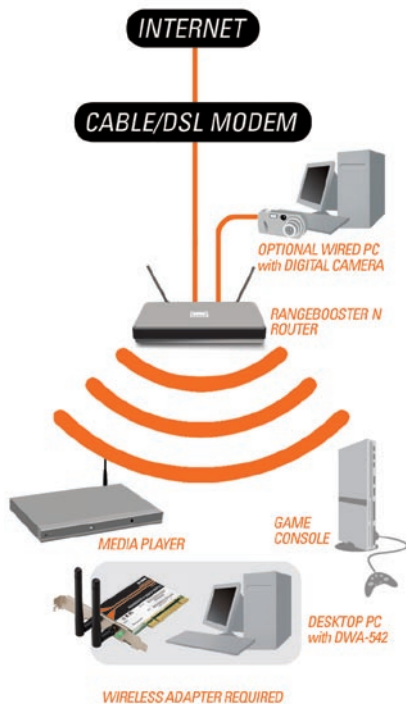
WHAT THIS PRODUCT DOES

Connect your desktop computer to a wireless network and access a high-speed Internet connection, transfer files, and stream media from greater distances around your home or office.

RANGEBOOSTER N® ADAPTER BENEFITS

- + Delivers up to 12x faster speeds¹ and 4x farther reception¹ than 802.11g
- + Access secure networks using WPA™ or WPA2™ encryption
- + Backward compatible with 802.11g networks
- + Easy to install and use with the included Quick Adapter Setup Wizard

YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

STANDARDS

- + IEEE 802.11n (draft 2.0)
- + IEEE 802.11g

INTERFACE

- + 32-bit PCI

FREQUENCY RANGE

- + 2.4GHz to 2.4835GHz

SECURITY

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

LEDs

- + Link
- + Activity

CERTIFICATIONS

- + FCC Class B
- + CE

OPERATING TEMPERATURE

- + 32°F to 131°F (0°C to 55°C)

OPERATING HUMIDITY

- + 90% Maximum (Non-condensing)

DIMENSIONS

- + Item (WxDxH): 3.8" x 4.7" x 0.3"
- + Packaging (WxDxH): 6.6" x 9.3" x 1.4"

WEIGHT

- + Item: 0.2 lbs
- + Packaging: 0.6 lbs

WARRANTY

- + 1-Year Limited²

wireless family comparison

features	wireless g	rangebooster n™	xtreme n™
wireless performance	●	●●●	●●●
supports advanced wireless network security	●	●	●
greater wireless coverage for homes & offices		●	●
easy network security setup		●	●
sustained wireless performance from farther distances			●
recommended applications			
high-speed Internet access & file sharing	●	●	●
lag-free gaming		●	●
jitter-free Internet phone calls (VoIP)		●	●
steady audio streaming		●	●
high-definition video streaming		●	●

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, 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 determined using 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 Low Profile Bracket on Hardware version A2 only.

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.

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RECOMMENDED SYSTEM REQUIREMENTS

For Optimal Wireless Performance: Use with RangeBooster N Router (DIR-625)

MINIMUM SYSTEM REQUIREMENTS

- Computer with:
- + Windows Vista® (32-bit only), Windows® XP SP2 or Windows 2000 SP4
 - + CD-ROM Drive
 - + 20MB Hard Disk Space
 - + 32-bit PCI Slot
- For Internet Access:
- + Cable or DSL Modem
 - + Wireless Router

- + Subscription with an Internet Service Provider (ISP)

PACKAGE CONTENTS

- + RangeBooster N Desktop Adapter
- + Low Profile Mounting Bracket⁴
- + Quick Installation Guide
- + CD-ROM⁵ with:
 - Installation Wizard
 - Drivers
 - Product Documentation