

**4x**<sup>range<sup>1</sup></sup>  
up to  
**12x**<sup>speed<sup>1</sup></sup>

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® NOTEBOOK CARDBUS 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® Notebook CardBus Adapter (DWA-642) is a draft 802.11n compliant wireless client for your notebook PC that delivers up to 12x faster speeds<sup>1</sup> and 4x farther range<sup>1</sup> 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 Notebook CardBus Adapter is powered by RangeBooster N technology to provide superb wireless performance in your 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 offices<sup>1</sup>. The DWA-642 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 notebook adapter without having to call a networking expert to help you. The D-Link Wireless Manager is also included with this product to keep track of your most frequently accessed networks so that you can join them quickly and easily.

With unmatched wireless performance, reception, and security protection, the D-Link RangeBooster N Notebook CardBus Adapter (DWA-642) is a great choice for easily adding or upgrading wireless connectivity to your notebook PC.



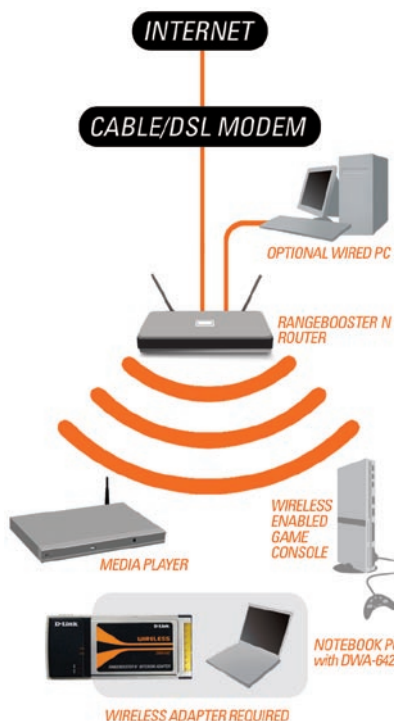
### WHAT THIS PRODUCT DOES

Connect your CardBus-enabled notebook 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 speeds<sup>1</sup> and 4x farther reception<sup>1</sup> 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 CardBus

#### 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): 2.1" x 4.7" x 0.3"
- + Packaging (WxDxH): 6.6" x 9.3" x 1.4"

#### WEIGHT

- + Item: 0.1 lbs
- + Packaging: 0.5 lbs

#### WARRANTY

- + 1-Year Limited<sup>2</sup>

### wireless family comparison

features	wireless g	rangebooster n <sup>®</sup>	xtreme n <sup>™</sup>
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			
great for lag-free gaming			
allow jitter-free Internet phone calls (VoIP)			
enable steady audio and video streaming			
high-definition video streaming			

<sup>1</sup> 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 based on D-Link's draft 802.11n devices.

<sup>2</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>3</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>4</sup> Latest software and documentation are available at <http://support.dlink.com>.

This product is based on IEEE draft 2.0 802.11n 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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WIRELESS

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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®, Windows® XP SP2 or Windows 2000 SP4
  - + CD-ROM Drive
  - + 20MB Hard Disk Space
  - + 32-bit Cardbus Slot
- For Internet Access:
- + Cable or DSL Modem
  - + Wireless Router
  - + Subscription with an Internet Service Provider (ISP)

#### PACKAGE CONTENTS

- + RangeBooster N Notebook CardBus Adapter
- + Quick Installation Guide
- + CD-ROM<sup>4</sup> with
  - Installation Wizard
  - Drivers
  - Product Documentation