

# D-Link®

up to **6x** range<sup>1</sup>  
**14x** speed<sup>1</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.



## **Xtreme N™** PCI EXPRESS DESKTOP ADAPTER

Wirelessly stream HD video, share files, and go online

Get the maximum performance from your desktop adapter

Connects to any standard PCI Express (PCIe) slot



### **ULTIMATE PERFORMANCE**

The D-Link Xtreme N™ PCI Express (PCIe) Desktop Adapter (DWA-556) is a draft 802.11n wireless client that delivers unrivaled wireless performance for your PCI Express-enabled desktop computer. The PCIe interface provides superior performance over a standard PCI interface. This wireless adapter delivers up to 14x faster speeds<sup>1</sup> and 6x farther range<sup>1</sup> than 802.11g while staying backward compatible with 802.11g networks. Once connected, you can share a high-speed Internet connection, photos, files, music, videos, printers, and storage.

### **GET CONNECTED, STAY CONNECTED**

The Xtreme N PCI Express Desktop Adapter is powered by Xtreme N technology and boasts three external antennas to provide superior wireless reception in your home or office. This adapter is designed for use in larger homes and offices, or for users running multiple bandwidth-intensive applications. This adapter enables you to simultaneously make or receive Internet phone calls (VoIP), surf the Web, transfer files, and stream High-Definition (HD) media when connected to an Xtreme N Gigabit Router (DIR-655 or DIR-660)<sup>1</sup>. The DWA-556 supports WPA™ and WPA2™ encryption that allow you to connect securely to a wireless network.

### **EASY TO SETUP, EAST 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, the D-Link Xtreme N PCI Express Desktop Adapter (DWA-556) is the best choice for easily adding or upgrading wireless connectivity to your PCI Express-enabled desktop computer.

WIRELESS

# N

DWA-556

### WHAT THIS PRODUCT DOES

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

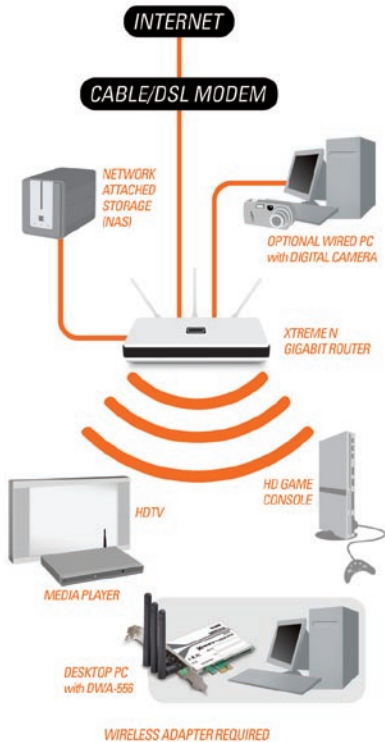
### XTREME N™ ADAPTER BENEFITS

- + Delivers up to 14x faster speeds<sup>1</sup> and 6x farther range<sup>1</sup> than 802.11g
- + Xtreme N technology enables HD video streaming, file sharing, enhanced Internet phone calling (VoIP), and surfing the Web
- + Access secure wireless networks using advanced WPA™ or WPA2™ encryption
- + Easy to install and use with D-Link's new Quick Adapter Setup Wizard
- + Backward compatible with existing 802.11g networks

### PCI EXPRESS BENEFITS

- + Up to 50% faster than legacy PCI cards<sup>2</sup>
- + Fits any standard PCI Express slot – x1, x4, x8, or x16
- + Offers increased bandwidth, reliability, and more functionality than a legacy PCI card<sup>2</sup>

### YOUR NETWORK SETUP



### STANDARDS

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

### INTERFACE

x1 PCI Express (PCIe)

### FREQUENCY RANGE

2.4GHz to 2.4835GHz

### SECURITY

+ Wi-Fi Protected Access (WPA, WPA2)

### LED

Activity

### TECHNICAL SPECIFICATIONS

#### CERTIFICATIONS

- + FCC Class B.
- + IC Class B
- + CE

#### DIMENSIONS

- + Item (WxDxH): 2.7" x 4.7" x 0.1"
- + Packaging (WxDxH): 9.3" x 6.6" x 1.4"

#### WEIGHT

- + Item: 0.31 lbs
- + Packaging: 0.74 lbs

#### WARRANTY

1-Year Limited<sup>3</sup>

### wireless family comparison

	wireless g	rangebooster n	xtreme n
features			
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	☐	☐	●

<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 draft 802.11n devices.

<sup>2</sup> Maximum throughput and performance derived from PCI and PCI Express specifications.

<sup>3</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>4</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>5</sup> 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

- + Computer with:
  - Windows Vista<sup>®4</sup> (32-bit only), Windows<sup>®</sup> XP SP2 or Windows 2000 SP4
  - CD-ROM
  - 20MB Hard Disk Space
  - x1 PCI Express Slot
- + For Internet Access
  - Cable or DSL Modem
  - Subscription with an Internet Service Provider (ISP)
  - Wireless Router

#### MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
  - Windows Vista<sup>®4</sup> (32-bit only), Windows<sup>®</sup> XP SP2 or Windows 2000 SP4
  - CD-ROM
  - 20MB Hard Disk Space
  - x1 PCI Express Slot
- + For Internet Access
  - Cable or DSL Modem
  - Subscription with an Internet Service Provider (ISP)
  - Wireless Router

#### PACKAGE CONTENTS

- + Xtreme N PCI Express Desktop Adapter
- + Low Profile Mounting Bracket
- + Quick Installation Guide
- + CD-ROM<sup>5</sup> with
  - Installation Wizard
  - Drivers
  - Product Documentation