



## WIRELESS N EXPRESSCARD™ NOTEBOOK ADAPTER

Wirelessly stream HD video, share files, and go online

Slimmer, lighter, and higher performance than CardBus

Fits into all standard ExpressCard slots



### ULTIMATE PERFORMANCE

Wireless N technology, with coverage of up to 5 times farther than 802.11g<sup>1</sup> and raw data throughput of up to 300Mbps.

ExpressCard interface, for faster speed between the adapter's board and the host computer and lower power requirements than the legacy CardBus, translating in longer battery life for notebook systems.

### GET CONNECTED, STAY CONNECTED

Smooth operation even in bigger homes or for users that demand the highest in networking performance.

Optimal connectivity, when used with a Wireless N router or Access Point so users can stay connected from virtually anywhere in their home<sup>1</sup>.

### SECURITY AND COMPATIBILITY

Support for WPA/WPA2 security and WEP data encryption, to help prevent outside intrusion and protect personal information.

Optional use with 802.11g and 802.11b wireless networks, to enable significantly improved reception<sup>1</sup>.

### EASY TO SETUP, EASY TO USE

No advanced knowledge required, a Quick Setup Wizard in 15 languages guides users through the installation process.

Wireless Manager software, to keep track of all of the most frequently accessed networks.



### WHAT THIS PRODUCT DOES

Connect your notebook computer with an available ExpressCard slot to a wireless network and access a high-speed Internet connection, transfer files, and stream media from greater distances around your home or office.

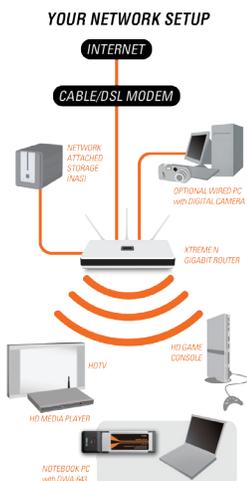
### WIRELESS N™ ADAPTER BENEFITS

- + Draft 802.11n 2.0 specifications.
- + Delivers much faster speeds and many times farther range than 802.11g
- + Wireless N™ technology enables and enhances HD video streaming, file sharing, Internet phone calling (VoIP) and web surfing.
- + Secures wireless network access using advanced WEP, WPA or WPA2 encryption
- + Easy to install and use with D-Link's new Quick Adapter Setup Wizard
- + Fully compatible with Draft 802.11n 1.0, 802.11g and 802.11b networks

### EXPRESSCARD BENEFITS

- + Much faster than legacy CardBus<sup>2</sup>
- + Approximately half the size and weight of a standard CardBus adapter
- + Provides superior performance, better reliability and expansion flexibility over CardBus<sup>2</sup>

### YOUR NETWORK SETUP



### TECHNICAL SPECIFICATIONS

#### STANDARDS

- + IEEE 802.11n (Draft 2.0)
- + IEEE 802.11g
- + IEEE 802.11b

#### HOST INTERFACE

ExpressCard/34

#### FREQUENCY RANGE

- + 2.412GHz to 2.462GHz (North America)
- + 2.412GHz to 2.472GHz (General Europe)

#### DATA RATES

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

#### EMISSION SCHEMES

- + DSSS
- + OFDM

#### TRANSMIT OUTPUT POWER

17dBm (typical)

#### MINIMUM SYSTEM REQUIREMENTS

- + Computer with
  - Windows XP or Windows 2000
  - CD-ROM Drive
  - 20MB Hard Disk Space
  - ExpressCard Slot

#### SECURITY

- + 64-128-bit Wired Equivalent Privacy (WEP)
- + Wi-Fi Protected Access (WPA & WPA2)

#### LED

Act

#### OPERATING VOLTAGE

3.3 VDC +/- 10%

#### CURRENT CONSUMPTION

Max. 3.3W

#### DIMENSIONS

112 x 33.4 x 8 mm (4.41 x 1.31 x 0.31 inches)

#### OPERATING TEMPERATURE

0°C to 40°C (32°F to 104°F)

#### STORAGE TEMPERATURE

-20°C to 65°C (-4°F to 149°F)

#### OPERATING HUMIDITY

10% to 90% non-condensing

#### STORAGE HUMIDITY

5% to 95% non-condensing

#### CERTIFICATIONS

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

#### RECOMMENDED SYSTEM REQUIREMENTS

For Optimal Wireless Performance:  
Use with Xtreme N Gigabit Router (DIR-655)

#### O.S. SUPPORT

Windows 2000, XP, Vista \*

\* Vista support available in future driver update

<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 Wireless N product from D-Link. Maximum throughput based on D-Link Draft 802.11n 2.0 devices.

<sup>2</sup> Maximum throughput derived from CardBus and ExpressCard specifications.

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

This product is based on IEEE Draft 802.11n 2.0 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, 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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### Driver Languages Supported



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