

WIRELESS N PCIe 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

Wireless N technology, with coverage of up to 5 times farther than 802.11g¹ and raw data throughput of up to 300Mbps. PCI Express interface, for faster speed between the adapter's board and the host computer and lower power requirements than the legacy PCI.

GET CONNECTED, STAY CONNECTED

Smooth operation even in bigger homes or for users that demand highest networking performance. Optimal connectivity, when used with a Wireless N router or Access Point so users can stay connected from virtually anywhere in their home¹.

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 reception¹.

EASY TO SETUP, EASY TO USE

No advanced knowledge required, a Quick Setup Wizard available 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

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

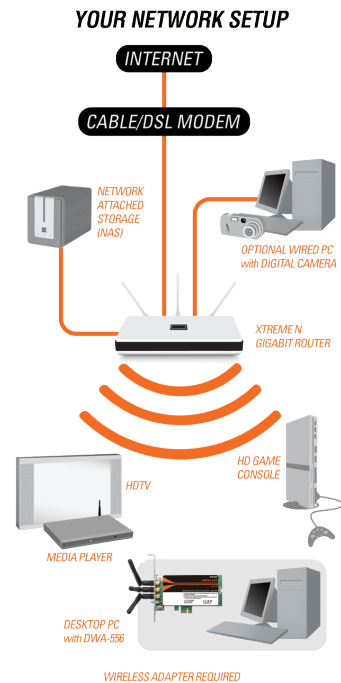
WIRELESS N™ ADAPTER BENEFITS

- + 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.
- + Secure wireless network access using advanced WEP, WPA™, or WPA2™ encryption.
- + Easy installation and usage with D-Link's new Quick Adapter Setup Wizard.
- + Fully compatible with Draft 802.11n 1.0, 802.11g and 802.11b networks.

PCI EXPRESS BENEFITS

- + Much faster than legacy PCI cards
- + Fits any standard PCI Express slot – x1, x4, x8 or x16.
- + Offers increased bandwidth and reliability, more functionality than a standard PCI network card.

YOUR NETWORK SETUP



TECHNICAL SPECIFICATIONS

STANDARDS

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

INTERFACE

X1 PCI Express

FREQUENCY RANGE

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

DATA RATES¹

- + 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)

SECURITY

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

Antennas

Three 2.0dBi dipole antennas with reverse SMA plugs

RECOMMENDED SYSTEM REQUIREMENTS

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

MINIMUM SYSTEM REQUIREMENTS

- Computer with:
+ Windows® XP or Windows 2000²
- + CD-ROM
- + 20MB Hard Disk Space
- + x1 PCI Express Slot

¹ Maximum wireless signal rate derived from IEEE standard 802.11g and draft 802.11n specifications. 802.11n speeds obtainable when operating with Wireless N products. Actual data throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction lower actual data throughput rate. Environmental factors may adversely affect wireless signal range.

Wireless 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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LEDs

- + Activity

OPERATING VOLTAGE

3.3 VDC +/- 10%

CURRENT CONSUMPTION

Max. 3.3W

DIMENSIONS

69 x 119.38 x 2.54 mm (2.7 x 4.7 x 0.1 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

O.S. SUPPORT

Windows 2000, XP, Vista *

* Vista support available in future driver update

Driver Languages Supported



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