



DWA-582

AC1200 Wi-Fi PCI Express Adapter

Features

Dual-band Wireless AC Technology

- Fully utilize the power and speed of your Wireless AC network
- Dual-band technology offers flexibility and versatility depending on your connectivity needs
- Latest Wireless AC technology delivers maximum performance and reliability

Total Wireless Security

- Connect to wireless networks securely using the latest encryption methods
- Supports WPA / WPA2 encryption for high-level wireless security
- Use Wi-Fi Protected Setup (WPS) to establish a secure connection with the press of a button

Convenient PCI Express Installation

- Instantly adds Wireless AC capabilities to any computer with a spare PCI Express slot
- Internal installation conserves space, and stays out of your way
- Superior performance over the legacy PCI interface

Overview

The DWA-582 AC1200 Wi-Fi PCI Express Adapter lets you connect to your wireless network with faster speeds and over greater distances. The improved wireless coverage and better speeds allow you to enjoy faster and more reliable connections throughout your home.

With the D-Link AC1200 Wi-Fi PCI Express Adapter you can upgrade your desktop PC to add the latest generation wireless AC technology. Designed with extended range external antennas and Dual Band technology (both 2.4Ghz and 5GHz) the DWA-582 provides performance up to 4 times faster than previous-generation Wireless N, meaning that you can stream HD movies, transfer large files, and enjoy lag-free gaming from more places throughout your home or office.

The benefits of PCI Express

PCI Express provides a high-bandwidth connection with superior performance over the old PCI interface. You can connect the AC1200 Wi-Fi PCI Express Adapter to any PCIe slot in your computer, whether it is an x1, x4, x8, or x16 slot. The internal PCIe installation stays out of your way by fitting nicely in your PC slot, keeping the antennas on the back of your PC.

Ideal for larger homes

Powered by the latest Wireless AC technology, this adapter provides high-performance wireless connectivity. The DWA-582 is designed for use in bigger homes and for users that demand higher networking performance. Maximize your wireless performance by connecting this adapter to a Wireless AC router and stay connected from virtually anywhere in your home. The DWA-582 is also backward compatible with 802.11n/g technology, allowing you to connect to your older devices.

AC1200 Wi-Fi PCI Express Adapter

Technical Specifications	
General	
Interface	• PCI Express (PCIe)
Antennas	• Two 4.5 dBi external dipole antennas
Wireless Frequency	• 2.4 to 2.5 GHz • 5.15 to 5.850 GHz
Wireless Standards	• 802.11ac/n/g
Security	• WPA / WPA2 • WPS (PBC/PIN)
LED	• Activity
Advanced Features	• Advanced Quality of Service (QoS) • WMM • RoHS compliant
Physical	
Dimensions ²	• 4.76 x 3.11 x 0.98 inches
Weight ³	• 1.72 ounces
Operating Voltage	• 3.3 V DC ± 10%
Power Consumption	• Max. 3.3 V / 1A
Temperature	Operating: 32 to 104 °F • Storage: -4 to 149 °F
Humidity	• Operating: 0% to 90% non-condensing • Storage: 5% to 95% non-condensing
Certifications	• CE • FCC • IC • C-Tick • NCC • Wi-Fi Certified
Order Information	
<i>Part Number</i>	<i>Description</i>
DWA-582	• AC1200 Wi-Fi PCI Express Adapter

¹ Maximum wireless signal rate derived from draft IEEE 802.11ac specifications. D-Link makes no warranties as to forward compatibility with future standards or compatibility with 802.11ac devices from other manufacturers. 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 may adversely affect wireless signal range. Up to 1200Mbps wireless speeds achieved when connecting to other 802.11ac devices. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless N product from D-Link. Maximum throughput based on D-Link Wireless AC devices.

² PCB only. ³ Includes bracket.

For more information

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