

Product Highlights

High Performance

Experience fast 802.11n technology for faster browsing, smooth streaming and lag-free gaming, while staying compatible with 802.11g devices.

Total Connectivity

Connect farther away in your home or office; Wireless N technology provides superb wireless reception for a more reliable connection.

PCI Express Installation

PCI Express provides superior performance over the legacy PCI interface.



DWA-548

Wireless N300 PCI Express Adapter

Features

802.11n Wireless Technology

- Fully utilize the power of your Wireless N router
- Excellent wireless signal range allows you to connect from farther away
- Wireless N delivers a significant performance increase over 802.11g while preserving compatibility¹

Security

- Supports WPA2 encryption for high-level wireless security

Convenient PCI Express Installation

- Compatible with any computer with a PCI Express slot
- Internal installation conserves space, and stays out of your way
- Superior performance over the legacy PCI interface

The DWA-548 Wireless N300 PCI Express Adapter connects your desktop computer to a wireless network and provides a high-speed transmission. Once connected to your protected wireless network with the Internet access, you can enjoy browsing and chatting with your friends online.

High Performance

The DWA-548 provides fast wireless performance for your PC. You can easily add the Wireless N300 Adapter to a desktop computer to access a high-speed Internet connection while sharing photos, files, music, video, printers, and storage. Enhance your Internet experience with a faster wireless connection and enjoy smooth digital phone calls, gaming, downloading, and video streaming. The DWA-548 supports WPA2 encryption that provides a protected wireless network connection and protects transmitted data.

Get Connected, Stay Connected

Powered by Wireless N technology, this adapter provides high-performance wireless connectivity. The DWA-548 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 N router and stay connected from virtually anywhere in your home. The DWA-548 is also backward compatible with 802.11g technology, so you can use it with older equipment too¹.

The Benefits of PCI Express

PCI Express provides a high-bandwidth connection with superior performance over the legacy PCI interface. The PCI Express X1 interface allows you to connect the DWA-548 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 computer case, keeping the antennas safely tucked away at the back.

Technical Specifications	
Hardware	
Interfaces	• PCI Express (PCIe)
Installation Slot	• PCI Express x1/x4/x8/x16
LEDs	• Status LED
Antenna	• Two 2 dBi fixed antennas
MIMO	• 2x2
Requirements	
Operating System	• Windows 7/8/10
Wireless Connectivity	
Standards	• IEEE 802.11b/g/n
Frequency Range	• 802.11b/g/n: 2.4 GHz to 2.4835 GHz
Wireless Security	• 64/128-bit WEP • WPA/WPA2
Wireless Speed ¹	• IEEE 802.11b: 1, 2, 5.5 and 11 Mbps • IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbps • IEEE 802.11n: 6.5 to 300 Mbps (MCS0 to MCS15)
Physical Parameters	
Dimensions (L x W x H)	• 65 x 39.4 x 1.6 mm (PCB only)
Environmental Conditions	
Temperature	• Operating: 0 to 40 °C • Storage: -20 to 70 °C
Humidity	• Operating: 10% to 90% non-condensing • Storage: 5% to 90% non-condensing
Order Information	
<i>Part Number</i>	<i>Description</i>
DWA-548	Wireless N300 PCI Express Adapter

¹ Maximum wireless signal rate derived from IEEE standard 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.