EDIMAX
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EW-7612PIn V2

N300 Wireless PCI Express Adapter

Includes a low-profile bracket

3dBi Antenna	300 Mbps	2T2R MIMO	WPS	PCI Express	Windows 7 support

The Edimax EW-7612PIn V2 N300 Wireless PCI Express Adapter is an easy way to add Wi-Fi connectivity to your desktop computer. Built with the 802.11n standard, 2T2R MIMO technology, and two high-gain 3dBi detachable antennas, this wireless PCIe adapter allows for fast and stable wireless networking with data speeds of up to 300Mbps. It can be easily set up with the bundled EZmax multi-language setup wizard, and it comes with a low-profile bracket for installation on small computers.

Wireless 802.11n Standard (Data Rates Up to 300Mbps)
The Edimax EW-7612PIn V2 allows for increased wireless coverage and higher data transmission rates. The latest wireless technology is built into this device to broaden its wireless coverage by 5 times and to reduce dead spots within the wireless range. The EW-7612PIn V2 complies with wireless IEEE 802.11b/g/n standards and can reach data transmission rates of up to 300Mbps when connected to wireless 802.11n devices. It also extends its wireless signal distance, and provides more reliable wireless connections than standard IEEE 802.11b/g wireless networks.

First-Class Reliability
The EW-7612PIn V2's exceptional chipset offers increased bandwidth and more functionality than other PCI network adapters. This adapter is specifically designed to utilize the full bandwidth capacity of the PCI Express bus, thus eliminating collisions and latencies that exist with current 32-bit and 64-bit PCI bus architectures.

Wi-Fi Protected Setup (WPS) Button
The Edimax EW-7612PIn V2 features a convenient WPS button. Users can set up an encrypted wireless connection simply by pressing the WPS button on this adapter and a WPS-enabled wireless access point. This one-click WPS button helps users set up a secure wireless network in less than a minute.

High-Gain 3dBi Detachable Antennas for Improved Wireless Performance
The EW-7612PIn V2 comes with two high-gain 3dBi detachable antennas, which enable it to achieve better signal quality compared to common wireless adapters. The antennas' detachable design also gives users the flexibility of using the antennas with extension cables for optimal antenna placement.

FEATURES & TECHNICAL SPECIFICATIONS

- Complies with 802.11b/g/n wireless standards
- Wireless data rates up to 300Mbps
- Features EZmax multi-language setup wizard
- Wireless speed up to 12 times faster and coverage 5 times further
- Features a hardware WPS (Wi-Fi Protected Setup) button
- Includes a low-profile bracket for small computers

Interfaces	Standards	Data Rates
1 x PCI Express interface	IEEE 802.11b	11b: 1/2/5.5/11Mbps
1 x Link LED	IEEE 802.11g	11g: 6/9/12/24/36/48/54Mbps
1 x Tx/Rx LED	IEEE 802.11n	11n (20MHz): MCS0-15 (up to 144Mbps)
1 x Hardware WPS button		11n (40MHz): MCS0-15 (up to 300Mbps)
2 x RP-SMA connector		
2 x High-gain 3dBi detachable antenna		

Frequency Band	Output Power	Temperature
2.4000 to 2.4835GHz (Industrial Scientific Medical Band)	11n: 12dBm±1.5dBm	Operating: 32 - 103°F (0-40°C)
	11g: 12dBm±1.5dBm	Storage: -4 - 149°F (-20 - 65°C)
	11b: 16dBm±1.5dBm	

Wireless Security	Installation	Humidity
64/128-bit WEP, WPA, WPA2 & IEEE 802.1x	Multi-language EZmax Setup Wizard	Operating: 10 - 90% (non-condensing)
Hardware & Software WPS configuration		Storage: max. 95% (non-condensing)

System Requirements	Dimensions	Certifications
Windows XP/Vista/7	22 x 121 x 88 mm (without antenna)	FCC, CE

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

- Install the EW-7612PIn V2 wireless adapter on your computer
- Set it up with the multi-language EZmax wizard
- Connect it to an 802.11b/g/n wireless access point or broadband router