



N300 Wireless PCI Adapter TEW-623PI(V3.0R)

The N300 Wireless PCI Adapter allows you to connect wirelessly with supercharged speed, range and reliability. This 802.11n device seamlessly connects to your wireless network without performance degradation.

Wireless speeds increase up to 300Mbps* when connecting to TRENDnet Wireless N access points or wireless routers. The latest antenna technology increases wireless data coverage throughout homes and businesses. It also supports universal wireless connectivity with 802.11b or 802.11g networks. Advanced wireless encryption provides secured transmissions. Increased speed and throughput makes it the perfect solution to fulfill your multimedia needs.



FEATURES

- Wi-Fi Compliant with IEEE 802.11n Standard
- Extreme wireless performance: Up to 12x the speed of wireless g* (IEEE 802.11g)
- Up to 4x the coverage of wireless g*
- Advanced wireless encryption: WEP, WPA, WPA2, WPA-PSK and WPA2-PSK
- 3 detachable high gain antennas maximize wireless n performance with Multiple Input Multiple Output (MIMO) technology
- Intuitive user setup and diagnostics utilities
- Backwards compatible with wireless g and wireless b standards (IEEE 802.11b/g)
- Maximum reliability, throughput and connectivity with automatic data rate switching and dynamic data rate scaling
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows 7/Vista/XP/2000 operating systems
- 3-Year Limited Warranty

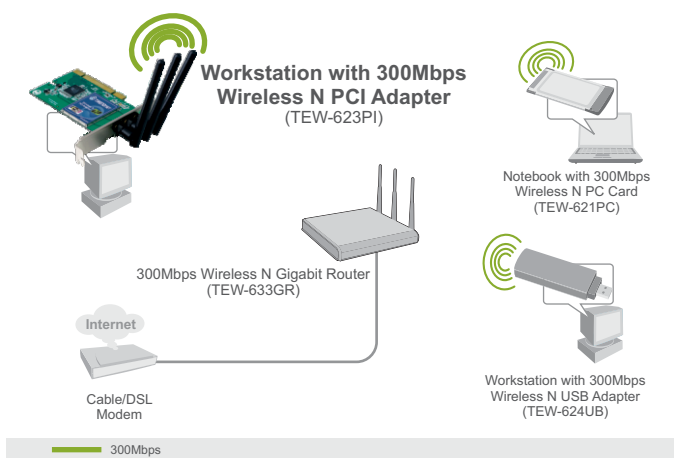
N300 Wireless PCI Adapter

TEW-623PI [V3.0R]

SPECIFICATIONS

Hardware	
Interface	• 32-Bit PCI Rev. 2.1/2.2/2.3
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n
Power Consumption (receive / transmit)	• 802.11b : 480mA/480mA • 802.11g : 490mA/450mA • 802.11n : 550mA/630mA
Supported OS	• Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit), 2000
Weight	• 90g (3.2 oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (-14° ~ 158° F)
Humidity	• 10% ~ 90%max (Non-condensing)
Emissions	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g/n: OFDM
Antenna	• 3 x 2dBi detachable antennas (Reverse SMA connector)
Frequency	• 2.412 ~ 2.484 GHz
Data Rate (auto fallback)	• 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 300Mbps
Output Power	• 802.11b: 17dBm (typical) • 802.11g: 13dBm (typical) • 802.11n: 13dBm (typical)
Receiving Sensitivity	• 802.11b: -85dBm (typical) @ 11Mbps • 802.11g: -70dBm (typical) @ 54Mbps • 802.11n (draft 2.0) : -65dBm (typical) @ 300Mbps
Encryption	• 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Channels	• 1~11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTIONS



*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.

PACKAGE CONTENTS

- TEW-623PI
- Multi-Language Quick Installation Guide
- CD-ROM (Utility and User's Guide)

RELATED PRODUCTS

TEW-624UB	300Mbps Wireless N USB Adapter
TEW-638APB	300Mbps Wireless N Access Point
TEW-639GR	300Mbps Wireless N Gigabit Router

ORDERING INFORMATION

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