



## 300Mbps Wireless N-Draft PCI Adapter TEW-623PI

The 300Mbps Wireless N-Draft PCI Adapter allows you to connect wirelessly with supercharged speed, range and reliability. Wireless speeds increase up to 300Mbps when connecting to TRENDnet Wireless N-Draft access points or wireless routers. This 802.11n device seamlessly connects to your wireless network without performance degradation.

### FEATURES

- Wi-Fi Compliant with IEEE 802.11n (draft) Standard
- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Supports Infrastructure (AP-Client) Mode
- High-Speed up to 300Mbps Data Rate using IEEE 802.11n (draft) connection
- 3 detachable antennas to support MIMO high speed performance and great coverage
- Dynamic Data Rate Scaling from 300Mbps to 1Mbps
- Maximum Reliability, Throughput and Connectivity with Automatic Data Rate Switching
- Universal Wireless Connectivity for Seamless Roaming among 802.11b/g/n Networks
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Compatible with Windows 2000/XP Operating Systems
- Easy User Setup & Diagnostics Utilities
- 3-Year Warranty

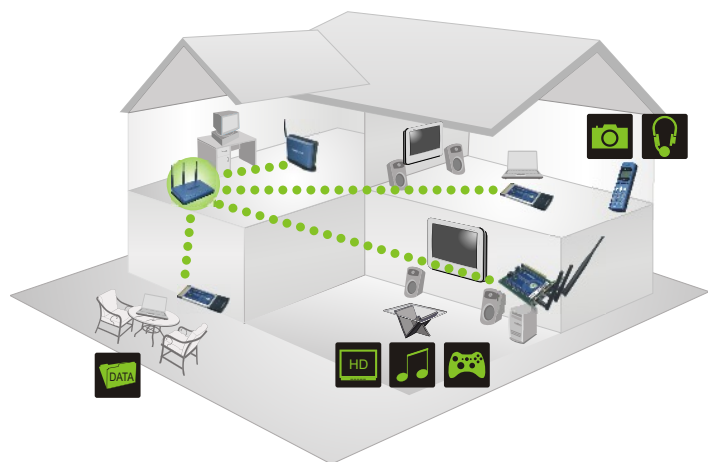
# 300Mbps Wireless N-Draft PCI Adapter

## TEW-623PI

### SPECIFICATIONS

Hardware	
Interface	• 32-Bit PCI Rev. 2.1/2.2/2.3
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft)
LED Indicator	• Power, Link
Power Consumption	• Receive Mode: 600mA(max) ; Transmit Mode: 690mA(max)
Supported OS	• Windows 2000/XP
Weight	• 140g (1.3oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -25° ~ 70° C (-13° ~ 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: OFDM with BPSK, QPSK and 16/64-QAM sub-Carrier modulations • 801.11n: OFDM, 64-QAM, coding rate 5/6
Antenna	• 2 x 2dBi & 1 x 5dBi detachable antennas (Reverse SMA Connector)
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n (draft) : up to 300Mbps *300Mbps is the maximum physical data rate derived from IEEE 802.11n draft standard 1.0 specifications. Actual data throughput and range will vary depending upon the environment.
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n (draft) : 14dBm (typical) with HT20 & HT40
Receiving Sensitivity	• 802.11b: -84dBm (typical) @ 11Mbps • 802.11g: -72dBm (typical) @ 54Mbps • 802.11n (draft) : -70dBm (typical) with HT40
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2, WPA-PSK/WPA2-PSK
Channels	• 1~11 (US), 1~13 (EU)

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TEW-623PI
- Utility & Driver CD-ROM
- Multi-Language Quick Installation Guide

### RELATED PRODUCTS

TEW-621PC	300Mbps Wireless N-Draft PC Card
TEW-630APB	300Mbps Wireless N-Draft Access Point
TEW-631BRP	300Mbps Wireless N-Draft Firewall Router

### ORDERING INFORMATION

#### TRENDnet

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