



108Mbps 802.11g MIMO Wireless PCI Adapter TEW-603PI

Designed to give you wider coverage, the 108Mbps 802.11g MIMO Wireless PCI Adapter seamlessly connects to your wireless network without performance degradation. It also supports universal wireless connectivity with 802.11b or 802.11g networks, reaches speeds of up to 108Mbps, and secures wireless transmissions with either WPA or WEP encryption.

FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
- Supports Super G Technology with Data Rate up to 108Mbps (8X Faster)
- Enhance Wireless Coverage with MIMO Technology of up to 800% More Coverage
- Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6Mbps for 802.11g
- Dynamic Data Rate Scaling at 11, 5.5, 2 and 1Mbps for 802.11b
- Maximum Reliability, Throughput and Connectivity with Automatic Data Rate Switching (This is the data rate)
- Compatible with Windows 2000/XP (SP1/SP2)/2003 Server
- Supports 64/128/152-bit WEP, WPA(AES/TKIP) and WPA-PSK encryptions
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Simple User Setup & Diagnostics Utilities
- 3-Year Warranty

BENEFITS

Economical:

Save Time, Labor, and Materials; Compare with Wired Network Installation

Flexible:

Creates wireless peer-to-peer network in Ad-Hoc mode or connects to Ethernet LAN in Infrastructure mode using Wireless Access Point or Wireless Router

Cost Effective:

Supports IEEE 802.11b and IEEE 802.11g Standards; Connects to any IEEE 802.11b/g wireless network

Performance:

108Mbps High Speed Wireless Connection and 800% More Coverage

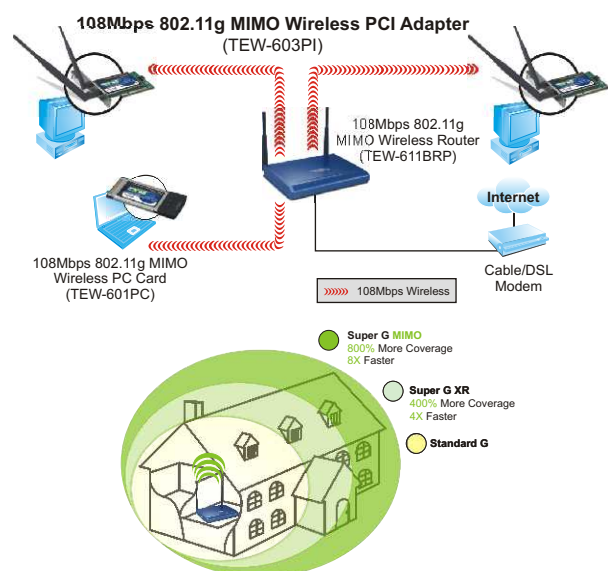
Note: Coverage and Speed performance might vary depending on the network environment.

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SPECIFICATIONS

Hardware	
Interface	• 32-Bit PCI Rev. 2.1/2.2
Standards	• IEEE 802.11b and IEEE 802.11g
LED Indicator	• Power, Link
Power Consumption	• Receive Mode: 11g/b 586~627mA • Transmit Mode: 11g 569~620mA (16dBm) , 11b 605~660mA (18dBm)
Supported OS	• Windows 2000/XP (SP1/SP2), 2003 Server
Dimensions (LxWxH)	• 122 x 64 x 6mm (4.8 x 2.5 x 0.2 inches)
Weight	• 50g (1.8oz)
Temperature	• Operating: 0° ~ 50° C (32° ~ 122° F) • Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	• 10% ~ 90%max (Non-condensing)
Safety & 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
Antenna	• 1 x 5dBi Detachable Dipole Antenna (Reverse SMA Connector) • 1 x 2dbi Fixed Dipole Antenna
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 • Super G : 108Mbps
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 16dBm (typical)
Receiving Sensitivity	• 802.11b: 11Mbps 10 ⁻⁵ BER @ -84 dBm (typical) • 802.11g: 54Mbps 10 ⁻⁵ BER @ -74 dBm (typical)
Encryption	• 64/128/152-bit WEP (Hex & ASCII), WPA, WPA-PSK
Channels	• 1~11 (US), 1~13 (EU)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-603PI
- Utility & Driver CD-ROM
- Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-601PC	108Mbps 802.11g MIMO Wireless PC Card
TEW-610APB	108Mbps 802.11g MIMO Wireless Access Point
TEW-611BRP	108Mbps 802.11g MIMO Wireless Router

ORDERING INFORMATION

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