TRENDNET®

N450 Wireless Gaming Adapter
TEW-687GA(V1.0R)

TRENDnet's N450 Wireless Gaming Adapter, model TEW-687GA, networks gaming consoles, televisions, and DVRs to the Internet with an ultra-high performance 450Mbps wireless connection.

Setup is quick and simple, with no drivers to install and a Gigabit Ethernet port transfers wired data fast.

Advanced Multiple Input Multiple Output (MIMO) antenna technology with three spatial streams per antenna generates a maximum theoretical wireless throughput of 450Mbps. Connect to a router at the touch of a button with Wi-Fi Protected Setup (WPS). WMM® Quality of Service (QoS) technology prioritizes gaming, Internet calls, and video streams. LEDs on the front of the adapter convey device status. Cut your cables and start winning with ultra-high performance 450Mbps wireless n.

Features

- 1 x 10/100/1000Mbps Auto-MDIX LAN port
- 1 x Wi-Fi Protected Setup (WPS) button
- 1 x Reset button
- Diagnostic LEDs
- High performance wireless data rates of up to 450Mbps
- Wi-Fi compliant with the IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g/b devices
- Supports 64/128-bit WEP, WPA-PSK, and WPA2-PSK wireless security
- Power Save mode conserves electricity
- Supports Multiple Input Multiple Output (MIMO) antenna technology
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- One-touch wireless security setup using the Wi-Fi Protected Setup (WPS) button when connecting to a WPS supported device
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Easy user setup wizard and intuitive Web browser configuration
- Coverage of up to 50 meters indoor, 100 meters outdoor *
- 3-year limited warranty

* 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.

SPECIFICATIONS

Hardware

Standards	• IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n
Interface	• 1 x 10/100/1000Mbps Auto-MDIX LAN ports
LED Indicator	• Power, LAN, Wireless, WPS
Power	• 12V DC 0.5A power adapter
Button	• Reset button – restores factory default settings • WPS button – enables WPS function
Power Consumption	• 4.5 watts (max)
Dimensions (LxWxH)	• 60 x 118 x 135 mm (2.4 x 4.6 x 5.3 in.)
Weight	• 153 g (5.4 oz.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -20° ~ 60° C (-4° ~ 140° F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC

Wireless

Frequency	• 2.412 ~ 2.472 GHz
Data Rate (auto fallback)	• 802.11b: up to 11Mbps • 802.11g:up to 54Mbps • 802.11n: up to 450Mbps
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n : 13dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) • 802.11g: -72dBm (typical) • 802.11n: -69dBm (typical)
Encryption	• 64/128-bit WEP , WPA/WPA2-PSK
Channels	• 1~ 11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTIONS

450Mbps Wireless N Gaming Adapter
(TEW-687GA)

450Mbps Wireless N
Gigabit Router
(TEW-691GR)

USB to Gigabit Ethernet Adapter
(TU2-ETG)

OR

OR

Internet

Cable/DSL
Modem

PACKAGE CONTENTS

- TEW-687GA
- CD-ROM (Utility and User's Guide)
- Multi-Language Quick Installation Guide
- 1 x Cat. 5 Ethernet cable (0.6 m / 2 ft.)
- Power adapter (12V DC, 0.5A)

RELATED PRODUCTS

TEW-691GR	450Mbps Wireless N Gigabit Router
TEW-690AP	450Mbps Wireless N Access Point
TEW-640MB	300Mbps Wireless N 4-Port Media Bridge

CONTACT INFORMATION

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