



## N900 Dual Band Wireless Router

### TEW-692GR(V1.0R)

TRENDnet's N900 Dual Band Wireless Router, model TEW-692GR, is the first router to support 450Mbps speeds on both the 2.4GHz and 5GHz bands at the same time. This router's raw horsepower redefines wireless networking as we know it, to easily stream HD video through the home. Gigabit Wide Area Network and Local Area Network ports transfer wired data fast. Embedded GREENnet technology reduces port-based power consumption by up to 70%.

Advanced Multiple Input Multiple Output (MIMO) antenna technology reduces wireless dead spots. Wi-Fi Protected Setup (WPS) connects other WPS supported wireless adapters at the touch of a button. WMM<sup>®</sup> Quality of Service (QoS) technology prioritizes gaming, Internet calls, and video streams. Assign up to four virtual networks on each wireless band and manage access control for IP addresses, website URLs, and data protocols.

## FEATURES

- 4 x 10/100/1000Mbps Auto-MDIX LAN ports
- 1 x 10/100/1000Mbps WAN port (Internet)
- Wi-Fi Protected Setup (WPS) button
- On/off power switch (EU Version)
- On/off wireless radio button
- LED status indicators
- Compliant with IEEE 802.11n/b/g/a standards
- High-speed data rates of up to 450 Mbps using both 2.4 GHz and 5 GHz bands
- Compatible with most popular cable/DSL Internet Service Providers using Dynamic/Static IP, PPPoE, L2TP, and PPTP connection
- Advanced firewall protection with Network Address Translation (NAT) support
- Advanced wireless security of up to WPA2-RADIUS
- DMZ support
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Support for up to four virtual wireless networks (SSIDs) per wireless band
- Gaming Port Controls: supports opening multiple ports or a range of ports
- Internet Access Control with MAC, URL, Service Type, and IP Range filtering
  - Internet Access Control Rule Scheduling: schedule access to websites, online video games, Internet cameras and more for specific times through the week
- One touch wireless connection to wireless clients using the WPS button
- Easy setup via Web browser using the latest versions of Internet Explorer, FireFox, Safari, and Chrome
- Virtual server and Application Level Gateway (ALG) services for special Internet applications
- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of Internet applications
- 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.

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## SPECIFICATIONS

### HARDWARE

<b>Standards</b>	<ul style="list-style-type: none"><li>• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3ab (1000Base-T), 802.3az</li><li>• Wireless: IEEE 802.11b, 802.11g, 802.11n, 802.11a</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>• 4 x 10/100/1000Mbps Auto-MDIX port</li></ul>
<b>WAN</b>	<ul style="list-style-type: none"><li>• 1 x 10/100/1000Mbps Auto-MDIX port</li></ul>
<b>WPS Button</b>	<ul style="list-style-type: none"><li>• Wi-Fi Protected Setup (WPS) connects with other WPS compliant devices</li></ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"><li>• Power, LAN 1-4, WAN, 2.4 GHz Wireless, 5 GHz Wireless, WPS</li></ul>
<b>Power Adapter</b>	<ul style="list-style-type: none"><li>• 12V DC, 1A external power adapter</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 9.6 watt (max.)</li></ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"><li>• 163 x 156 x 26 mm (6.4 x 6.1 x 1 in.)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 175 g (6.2 oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operation: 0°~ 40°C (32°F~ 104°F) • Storage: -20°~ 60°C (-4°F~140°F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max. 90% (non-condensing)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>

### WIRELESS

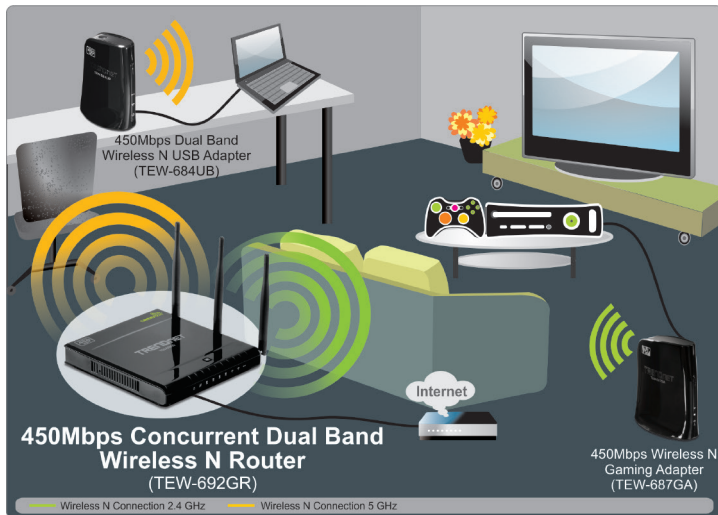
<b>Frequency</b>	<ul style="list-style-type: none"><li>• FCC: 2.412~2.462 GHz, 5.180~5.240 GHz, 5.725~5.850 GHz</li><li>• ETSI: 2.412~2.472 GHz, 5.150~5.250 GHz</li></ul>
<b>Antenna</b>	<ul style="list-style-type: none"><li>• 2.4GHz: 2dBi (internal) • 5GHz: 3dBi (external fixed)</li></ul>
<b>Modulation</b>	<ul style="list-style-type: none"><li>• OFDM: BPSK, QPSK, 16-QAM, 64-QAM • DBPSK, DQPSK, CCK</li></ul>
<b>Data Rate</b>	<ul style="list-style-type: none"><li>• 802.11a: up to 54Mbps • 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 450Mbps (for both 2.4 &amp; 5GHz)</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• 64/128-bit WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS</li></ul>
<b>Access Control</b>	<ul style="list-style-type: none"><li>• MAC Address Filter (Up to 24 entries)</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• 802.11a: 14dBm (typical) • 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical)</li><li>• 802.11n: 15dBm +/- 1 dBm (typical) (for 2.4 &amp; 5GHz)</li></ul>
<b>Receiving Sensitivity</b>	<ul style="list-style-type: none"><li>• 802.11a: -70dBm (typical) @ 54Mbps • 802.11b: -84dBm (typical) @ 11Mbps • 802.11g: -72dBm (typical) @ 54Mbps</li><li>• 802.11n: -66dBm +/- 1 dBm (typical) @ 450Mbps (for 2.4 &amp; 5GHz)</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 2.4 GHz: 1~11 (FCC), 1~13 (ETSI)</li><li>• 5 GHz: 36, 40, 44, 48, 149, 153, 157, 161 and 165 (FCC) 36, 40, 44, and 48 (ETSI)</li></ul>

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## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TEW-692GR

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Network cable (1m / 3.2 ft.)

Power adapter (12V DC, 1A)

## RELATED PRODUCTS

<b>TEW-687GA</b>	450Mbps Wireless N Gaming Adapter
<b>TEW-684UB</b>	450Mbps Dual Band Wireless N USB Adapter
<b>TEW-691GR</b>	450Mbps Wireless N Gigabit Router

## CONTACT INFORMATION

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