



300Mbps Dual Band Wireless N Gigabit Router TEW-672GR(V1.0R)

The 300Mbps Dual Band Wireless N Gigabit Router offers unsurpassed wireless speed, coverage and reliability. Enjoy up to 14x the speed and 6x the coverage of a wireless g connection*.

Dual Band wireless n technology uses 11 additional wireless channels, reduces wireless interference and optimizes performance in the most challenging environments.

Advanced Multiple Input Multiple Output (MIMO) antenna technology eliminates wireless dead spots. Advanced wireless encryption and a manual on/off wireless switch keeps your data safe. Wireless Protected Setup (WPS) integrates other WPS supported wireless adapters at the touch of a button. Seamlessly stream HD media, download files, surf and play games all at the same time.

**** 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.**

FEATURES

- IEEE 802.11n draft 2.0 and IEEE 802.11a/b/g compliant
- Dual band 2.4Ghz and 5Ghz Wireless Local Area Networking (WLAN) in one device
- 4 x 10/100/1000Mbps Auto-MDIX LAN ports and 1 x 10/100/1000Mbps WAN port (Internet)
- Gigabit LAN ports for high speed network connectivity
- IEEE 802.11n (draft 2.0) Wi-Fi Certified
- GREENnet technology can reduce power consumption by up to 70%
 - Reduces power supplied to unused ports, computers that are turned off or are in standby mode and when shorter Ethernet cables are use
- Energy Star Certified external power adapter consumes up to 30% less power
- Compatible with most popular cable/DSL Internet service providers using Dynamic/Static IP, PPPoE, PPTP and L2TP
- High-speed data rates up to 300Mbps using an IEEE 802.11n draft 2.0 connection
- 3 external antennas provide high-speed performance and expansive wireless coverage
- Advanced Firewall protection with Network Address Translation (NAT) and Stateful Packet Inspection (SPI)
- Access restriction with Internet Access Control; time scheduling, URL and MAC filtering
- Built in pre-configured virtual servers and Application Level Gateway services for special Internet applications
- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of Internet applications
- Enable/disable wireless functionality with the WLAN on/off toggle switch
- Multiple pass-through sessions for popular VPN applications (IPSec and PPTP)
- Easy setup via Web browser using the latest versions of Internet Explorer, FireFox, and Safari
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- One touch wireless security setup using the Wi-Fi Protected Setup (WPS) button
- Complete wireless security with WPA/WPA2, WPA-PSK/WPA2-PSK, and WEP
- Windows 95/98/NT/2000/XP/2003 Server/Vista, Linux and Mac OS supported
- 3 year limited warranty

300Mbps Dual Band Wireless N Gigabit Router

TEW-672GR(V1.0R)

SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none">• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) and IEEE 802.3ab (1000BaseT)• Wireless: IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0)
WAN	<ul style="list-style-type: none">• 1 x 10/100/1000Mbps Auto-MDIX port (Internet)
LAN	<ul style="list-style-type: none">• 4 x 10/100/1000Mbps Auto-MDIX port
Wireless On/Off Switch	<ul style="list-style-type: none">• Turn on/off wireless LAN
WPS Button	<ul style="list-style-type: none">• Wi-Fi Protected Setup (WPS) with other WPS compliant devices
Connection Type	<ul style="list-style-type: none">• Dynamic IP, Static (fixed) IP, PPPoE, PPTP, L2TP
NAT Firewall	<ul style="list-style-type: none">• 3K configurable NAT entries; restricted NAPT<ul style="list-style-type: none">• IP ranges, port ranges and schedule• Pre-defined game hosting configurations<ul style="list-style-type: none">• Port triggering for 24 special applications• ALG support (enable/disable support) –RTP/RTSP, AOL, FTP, ICMP, WMP/MMS, NetMeeting, SIP
WDS	<ul style="list-style-type: none">• Enable/disable Wireless Distribution System support
UPnP	<ul style="list-style-type: none">• UPnP IGD 1.0 compliant
DMZ	<ul style="list-style-type: none">• DMZ host, 24 configurable Virtual Servers and Game Servers
DMS	<ul style="list-style-type: none">• Static or WAN assigned DNS servers; 10 verified services for DDNS
Internet Access Control	<ul style="list-style-type: none">• Policy based parental control; time based Internet access; port range/service filtering; Dynamic URL filtering; Internet domain restriction; 16 user defined schedules, 24 MAC address filter entries
LED Indicator	<ul style="list-style-type: none">• Power, LAN1~LAN4, WAN, and WLAN
Power Adapter	<ul style="list-style-type: none">• 12V DC, 1A external power adapter
Power Consumption	<ul style="list-style-type: none">• 779mA
Dimension (L x W x H)	<ul style="list-style-type: none">• 180 x 122 x 30 mm (6.8 x 4.6 x 1.1 in)
Weight	<ul style="list-style-type: none">• 350g (0.8 lb)
Temperature	<ul style="list-style-type: none">• Operation: 0°~ 40°C (32°F~ 104°F); Storage: -20°~ 60°C (-4°F~140°F)
Humidity	<ul style="list-style-type: none">• Max. 90% (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC
Wireless	
Frequency	<ul style="list-style-type: none">• 2.412 ~ 2.462 GHz (FCC); 2.412 ~ 2.472 GHz (ETSI)• 5.150~5.250GHz; 5.725~5.825GHz (FCC) • 5.150~5.250MHz (ETSI)
Antenna	<ul style="list-style-type: none">• 3 x 2dBi fixed dipole antenna
Media Access Protocol	<ul style="list-style-type: none">• CSMA/CA with ACK
Module Technique	<ul style="list-style-type: none">• 802.11n: BPSK, QPSK, 16QAM, with OFDM • 802.11b:CCK (11 and 5.5Mbps) DQPSK (2Mbps) DBSPK (1Mbps)• 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-carrier modulations
Data Rate	<ul style="list-style-type: none">• 802.11a: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n: up to 300Mbps
Security	<ul style="list-style-type: none">• Encryption: hardware AES/TKIP, 64/128-bit WEP (HEX/ passphrase, 11a/b/g/n)• 802.1X/EAP: EAP-TLE, EAP-TTLE/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC• WPA: WPA/WPA2, WPA-PSK/WPA2-PSK (AES-11b/g/n, TKIP-11b/g)• WPS: support PIN and PBC • SSID broadcast control



300Mbps Dual Band Wireless N Gigabit Router

TEW-672GR(V1.0R)

SPECIFICATIONS

Wireless	
Output Power	<ul style="list-style-type: none"> • 802.11a: 14dBm (typical) • 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n: 11dBm (typical) with HT20 or Ht40
Receiving Sensitivity	<ul style="list-style-type: none"> • 802.11a: -72dBm (typical) @ 54Mbps • 802.11b: -84dBm (typical) @ 11Mbps • 802.11g: -73dBm (typical) @ 54Mbps • 802.11n: -69dBm (typical) with HT20 or Ht40
Channels	<ul style="list-style-type: none"> • 2.4GHz 1~ 11 (US), 1~13 (EU) 5GHz 36, 40, 44, 48, 149, 153, 157, 161, and 165

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-672GR
- Multi-Language Quick Installation Guide
- Power adapter (12V, 1A)
- RJ-45 cable (1.5m / 4.9ft)

RELATED PRODUCTS

TEW-642EC	300Mbps Wireless N Express Card
TEW-621PC	300Mbps Wireless N PC Card
TEW-623PI	300Mbps Wireless N PCI Adapter

ORDERING INFORMATION

TRENDnet®

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: www.trendnet.com

Email: sales@trendnet.com

To Order Please Call:

1-888-326-6061

