



N900 Dual Band Wireless Media Bridge **TEW-680MB (V1.0R)**

The N900 Dual Band Wireless Media Bridge, model TEW-680MB, streams HD video to media center devices over an ultra-high performance 450Mbps wireless network.

Connect gaming consoles, televisions, DVRs, and more to the four Gigabit ports on the back of the device. Network the TEW-680MB to a common 2.4GHz network or to a less congested 5GHz network to wirelessly stream HD video to your media center.

Energy saving GREENnet technology reduces port based power consumption by up to 70%. Advanced Multiple Input Multiple Output (MIMO) antenna technology produces record wireless throughput and coverage. 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 enjoy HD entertainment with ultra-high performance Dual Band 450Mbps wireless n.

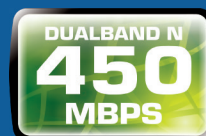
FEATURES

- 4 x 10/100/1000Mbps Auto-MDIX LAN ports
- 1 x WPS button
- 1 x Reset button
- Diagnostic LEDs
- High performance wireless n bridge connects wired devices to a wireless network
- Wi-Fi compliant with IEEE 802.11a/b/g/n standards
- Supports 450Mbps on both 2.4GHz and 5GHz wireless frequencies
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Energy saving GREENnet technology reduces port based power consumption by up to 70%
- Supports Multiple Input Multiple Output (MIMO) antenna technology
- Connects network-ready Blu-ray™ players, Televisions, Digital Video Recorders (DVR), receivers, and gaming consoles such as Wii™, Xbox®, and PlayStation® consoles to a high speed wireless n network
- One-touch wireless security setup using the Wi-Fi Protected Setup (WPS) button when connecting to a WPS supporting device
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports up to WPA2-PSK wireless security
- Easy user setup wizard and intuitive Web browser configuration
- 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

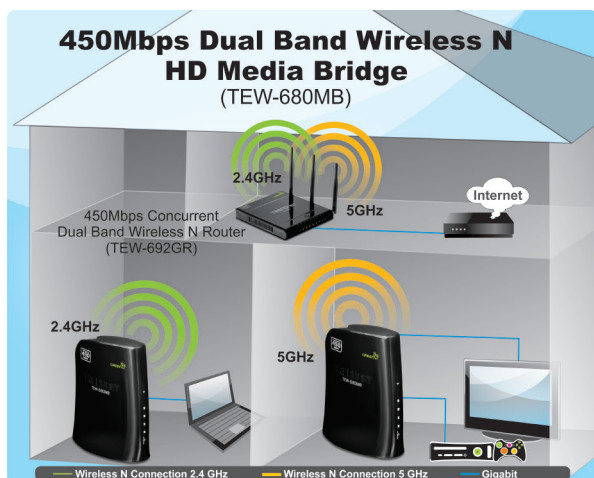
HARDWARE

Standards	• IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n
Interface	• 4 x 10/100/1000Mbps Auto-MDIX LAN ports
LED Indicator	• Power , LAN 1~4, Wireless, WPS
Power	• 12V DC 1A power adapter
Buttons	• Reset button – restores factory default settings • WPS button – enables WPS function
Power Consumption	• 10.5 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: -10° ~ 70° C (14° ~ 158° F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC

WIRELESS

Frequency	• FCC: 2.412~2.462 GHz, 5.180~5.240 GHz, 5.725~5.850 GHz • ETSI: 2.412~2.472 GHz, 5.150~5.250 GHz
Antenna	• 3 Built-in antennas
Data Rate (auto fallback)	• 802.11a: up to 54Mbps • 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 450Mbps
Output Power	• 802.11a: 13dBm (typical) • 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n : 13dBm +/- 1 dBm (typical) (for 2.4 & 5GHz)
Receiving Sensitivity	• 802.11g: -71dBm (typical) • 802.11b: -84dBm (typical) • 802.11g: -72dBm (typical) • 802.11n: -65dBm +/- 1 dBm (typical) (for 2.4 & 5GHz)
Encryption	• 64/128-bit WEP , WPA/WPA2-PSK
Channels	• 2.4GHz: 1~11 (FCC), 1~13 (ETSI) • 5GHz: 36, 40, 44, 48, 149, 153, 157, 161 and 165 (FCC), 36, 40, 44, 48 (ETSI)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

TEW-680MB

CD-ROM (User's Guide)

Multi-Language Quick Installation Guide

Network cable (0.6 m / 2 ft.)

Power adapter (12V DC, 1A)

RELATED PRODUCTS

TEW-692GR	450Mbps Concurrent Dual Band Wireless N Router
TEW-684UB	450Mbps Dual Band Wireless N USB Adapter
TEG-S50g	5-Port Gigabit GREENnet Switch

CONTACT INFORMATION

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