



N450 Wireless Access Point TEW-690AP (V1.0R)

TRENDnet's N450 Wireless Access Point, model TEW-690AP, supports Access Point, Wireless Distribution System (WDS), and Repeater mode functionality.

Advanced Multiple Input Multiple Output (MIMO) antenna technology with three spatial streams per antenna, generates a maximum theoretical wireless throughput of 450Mbps and exceptional wireless coverage.

A Gigabit Ethernet port maintains high performance wired connections. Wi-Fi Protected Setup (WPS) integrates other WPS supported devices at the touch of a button. Advanced features include 4 SSIDs per wireless band, different encryption for each SSID, WMM Quality of Service data prioritization, WPA2-RADIUS encryption, and a convenient on/off power switch.

FEATURES

- High performance 450Mbps wireless n access point
- 1 x 10/100/1000Mbps Auto-MDIX Gigabit LAN port
- 1 x WPS button
- 1 x Reset button
- On/off power switch (EU Version)
- Diagnostic LEDs
- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g/b devices
- Features Wireless Distribution System (WDS) and Repeater modes for wireless network expansion
- Supports 64/128-bit WEP, WPA/WPA2-PSK, and WPA/WPA2-RADIUS wireless security
- Mac filter feature for added security
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Multiple Input Multiple Output (MIMO) antenna technology
- Define up to 3 additional SSIDs
- One touch wireless connection using the WPS button
- Maximum reliability, throughput, and connectivity with automatic data rate switching
- Easy user setup wizard and intuitive Web browser configuration
- Coverage of up to 100 meters indoor (328ft.) and 300 meters outdoor (948ft.) *
- 3-year limited warranty

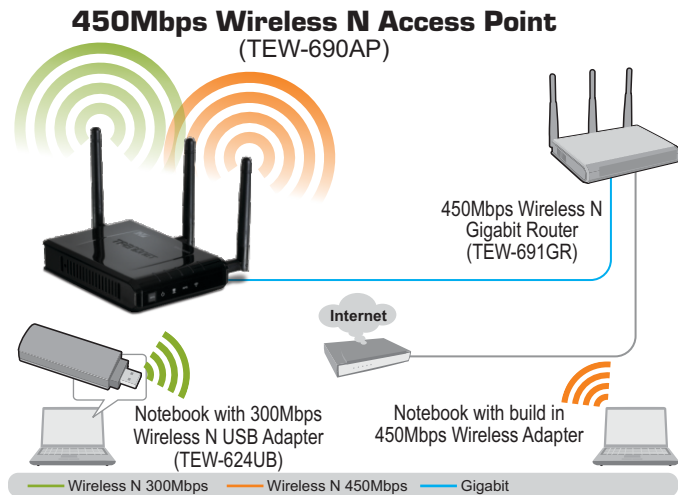
*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.

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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n
Interface	• 1 x 10/100/1000Mbps Auto-MDIX Gigabit LAN port
LED Indicator	• Wireless, LAN, WPS, Power
Buttons	• Reset button – restores factory default settings • WPS button- enables WPS function • On/off power (EU version)
Power	• 12 V DC 0.5A power adapter
Power Consumption	• 3.8 watts (max)
Dimensions (LxWxH)	• 120 x 84 x 24 mm (4.7 x 3.3 x 1.0 in.)
Weight	• 160 g (5.6 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
Antenna	• 2.4GHz: 2dBi (built-in on board) • 5GHz: 1dBi (built-in on board)
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 : 15dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) • 802.11g: -72dBm (typical) • 802.11n: -69dBm (typical)
Encryption	• 64/128-bit WEP , WPA/WPA2-PSK, WPA/WPA2-RADIUS
Channels	• 1~ 11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-690AP
- 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-640MB	300Mbps Wireless N 4-Port Media Bridge
TEW-624UB	300Mbps Wireless N USB Adapter

ORDERING INFORMATION

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