



300Mbps Dual Band Wireless N Access Point TEW-670APB(V1.0R)

The 300Mbps Dual Band Wireless N Access Point creates a high performance dual band wireless n network with up to 14x the speed and 4x the coverage of wireless g.

Create a wireless network using either the more common 2.4GHz or the uncongested low-interference 5GHz wireless radio frequency with Dual Band wireless n technology.

Extend your wireless network by adding additional wireless access points using the Wireless Distribution System (WDS) feature. Monitor device status with SNMP v3 reporting. Advanced wireless encryption secures your wireless network. Provide high speed Dual Band wireless coverage to stream HD media, download files and surf the Internet.



FEATURES

- Dual Band 2.4GHz or 5GHz Wireless Local Area Networking (WLAN) in one device**
- Non-concurrent Dual Band architecture: create either a 2.4GHz or a 5GHz wireless network
- High-speed data rates up to 300Mbps using an IEEE 802.11n draft 2.0 connection
- Compliant with IEEE 802.11n (draft 2.0) IEEE 802.11g, 802.11b and 802.11a standards
- Add a wireless network with Access Point mode or expand your network with Wireless Distribution System (WDS)
- Built in DHCP server allows for IP address distribution on the local network
- 2 removable antennas with Multiple Input Multiple Output technology support high speed performance and expanded coverage
- 1 x 10/100Mbps Auto-MDIX LAN port for reliable network connectivity
- Complete wireless security with WPA/WPA2, WPA-PSK/WPA2-PSK, and WEP
- Allow or restrict wireless access with MAC filtering
- Supports Wi-Fi Protected Setup (WPS) feature allowing you to integrate other WPS devices into your network quickly
- Device reporting with Simple Network Management Protocol (SNMP v3)
- Supports Windows 2000/XP/2003 server and Vista operating systems
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Easy setup via Web browser using the latest versions of Internet Explorer, FireFox, Chrome, and Safari
- Coverage up to 100 meters (328ft.) Indoor (depends on the environment)
- Coverage up to 300 meters (984ft.) Outdoor (depends on the environment)
- 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.

**This wireless device only allows the use of one frequency at a time, 2.4GHz or 5GHz can be selected to transmit at any given time.

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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.11n draft 2.0, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.3, and IEEE 802.3u
Interface	• 1 x 10/100Mbps Auto-MDIX LAN port
LED Indicators	• Power, Status, WLAN, and LAN
Buttons	• Reset button – restores factory default settings • WPS button- enables WPS function (right side)
Power Supply	• 5V DC 2.5mA external power adapter
Dimensions (LxWxH)	• 195 x 120 x 30 mm (7.7x 4.7 x 1.1 inches)
Weight	• 335g (0.7 lb)
Temperature	• 0° to 40°C (32° ~ 104°F)
Humidity	• 10% to 95% non-condensing
Wireless	
Antenna	• 2 x 3dBi detachable dipole antennas
Frequency	• 2.412 - 2.462 GHz (FCC) • 2.412 - 2.472 GHz (ETSI) • 5.150~5.250GHz; 5.725~5.825MHz (FCC) • 5.150~5.250MHz (ETSI)
Media Access Protocol	• CSMA/CA
Data Rate (Auto Fallback)	• 802.11n 2.0: up to 300Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6 Mbps • 802.11b: 11Mbps, 5.5Mbps, 2Mbps, 1 Mbps • 802.11a: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps
Output Power	• 802.11n: 14dBm (typical) with HT20 & HT40 • 802.11g: 16dBm (typical) • 802.11b: 21dBm (typical) • 802.11a: 15dBm (typical)
Receiving Sensitivity	• 802.11n: -68dBm (typical) with HT20 and HT40 • 802.11g: -75dBm (typical) @ 54Mbps • 802.11b: -85dBm (typical) @ 11Mbps • 802.11a: -76dBm (typical) @ 54Mbps
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2, WPA • PSK/WPA2-PSK Encryption, WPA Enterprise, WPA2 Enterprise
Channels	• 1-11 (FCC), 1-13 (ETSI)

NETWORKING SOLUTIONS



Wireless Distribution System (WDS)



PACKAGE CONTENTS

- TEW-670APB
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Cat. 5 Ethernet cable (1.5m / 4.9ft)
- Power adapter (5V DC, 2.5mA)

RELATED PRODUCTS

TEW-672GR	300Mbps Dual Band Wireless N Gigabit Router
TEW-664UB	300Mbps Dual Band Wireless N USB Router
TEW-645UB	High Power Wireless N USB Adapter

ORDERING INFORMATION

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