



## 300Mbps Wireless N Access Point TEW-630APB (V2.0)

The 300Mbps Wireless N Draft Access Point incorporates the latest wireless networking technology to supercharged speed, range and performance of your wireless network. Advanced antenna technology increases wireless data coverage throughout homes and businesses. Increased speed and throughput makes it the perfect solution to fulfill your wireless needs.

### FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- High-Speed up to 300Mbps Data Rate using IEEE 802.11n (draft) connection
- Built-in 3 External Antennas (MIMO technology) to support high speed performance and great coverage
- Supports Access Point and WDS Bridge (up to 6 units) Modes
- Supports 64/128-bit WEP(Hex) Encryption
- Supports WPA/WPA2 and WPA-PSK/WPA2-PSK Encryptions
- Supports MAC Address Filter (up to 16 entries) and SSID Broadcast Control
- Built-in DHCP Server and Client and Time Server support
- Flash Memory for Firmware Upgrade and Easy Management via Web Browser (HTTP)
- Compliant with Windows 95/98/NT/2000/XP/2003 Server/Vista, Linux and Mac OS
- Coverage up to 150 meters (500ft.) Indoor (depends on the environment)
- Coverage up to 400 meters (1300ft.) 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.**

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## SPECIFICATIONS

Hardware	
Standards	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft)
Interface	• 1 x 10/100Mbps Auto-MDIX LAN Port
Reset Button	• Reset to Factory Default Settings
Config Button	• Reserved for WPS function use
LED Indicator	• Power, LAN, WLAN
Power Adapter	• 12V DC, 1A External Power Adapter
Power Consumption	• 6W @ 12V DC
Dimension (L x W x H)	• 180 x 122 x 30 mm (6.8 x 4.6 x 1.1 inches)
Weights	• 320g (0.7 lbs)
Temperature	• Operation: 0°~ 40°C (32°F~ 104°F); Storage: -20°~ 60°C (-4°F~140°F)
Humidity	• Max. 90% (Non-Condensing)
Certifications	• FCC & CE
Wireless	
Frequency	• 2.412 ~ 2.462 GHz (FCC) • 2.412 ~ 2.472 GHz (ETSI)
Antenna	• 3 x 4dBi Fixed Dipole Antenna
Media Access Protocol	• CSMA/CA with ACK
Data Rate	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n (draft): up to 300Mbps
Security	• Encryption: Hardware AES/TKIP, 64/128-bit WEP (Hex) • 802.1X/EAP: WPA/WPA2/802.1X authenticator • WPA: WPA-PSK/WPA2-PSK, WPA-enterprise, WPA2-enterprise • SSID Broadcast Control
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n (draft): 14dBm (typical) with HT20 & HT40
Receiving Sensitivity	• 802.11b: -84dBm (typical) @ 11Mbps • 802.11g: -72dBm (typical) @ 54Mbps • 802.11n (draft) : -72dBm (typical) with HT40
Channels	• 1~ 11 (US), 1~13 (EU)

## NETWORKING SOLUTIONS



\*\*\*\*\* 300Mbps, share multimedia throughout the house

## PACKAGE CONTENTS

- TEW-630APB
- Multi-Language Quick Installation Guide/ CD-ROM (User's Guide)
- Power Adapter (12V DC, 1A)/ RJ-45 Cable (1.5m)

## RELATED PRODUCTS

TEW-621PC	300Mbps Wireless N-Draft PC Card
TEW-623PI	300Mbps Wireless N-Draft PCI Adapter
TEW-631BRP	300Mbps Wireless N-Draft Firewall Router

## ORDERING INFORMATION

**TRENDnet**<sup>®</sup>

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

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