TRENDNET®

300Mbps Wireless N Hot Spot Access Point
TEW-636APB (V1.0R)

The Wireless N Hot Spot Access Point creates a high speed wireless n network with up to 12x the speed and 6x the coverage of wireless g.

Provide a seamless wireless experience in which multiple users can access live media, download data intensive files, play games and talk Online without wireless lag.

Advanced antenna technology (MIMO) delivers superior range and eliminates dead spots. Wi-Fi Protected Setup (WPS) allows users to securely synchronize wireless peripheral devices at the touch of a button. A quick and intuitive installation process, remote management capabilities and a 3-year warranty make this product well suited for your most demanding networking 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 Detachable External Antennas (MIMO Technology) to support high speed performance and great coverage

• Support for Wireless multimedia (WMM)

• Access Point Mode and Wireless Distribution System (WDS) feature

• Wireless Protected Setup (WPS) for effortless installation

• Supports 64/128-bit WEP(Hex) WPA/WPA2 and WPA-PSK/WPA2-PSK Encryption

• Advanced wireless protection (EAP-MD5, EAP-TLS, EAP-TTLS, PEAP)

• Support for 802.1x and RADIUS authentication

• Supports MAC Address Filter (up to 16 entries) and SSID Broadcast Control

• Access Control list for wireless client support

• Built-in DHCP Server and Client and Time Server support

• Flash Memory for Firmware Upgrade and Easy Management via Web Browser (HTTP)

• Configuration file backup and restore feature

• Compliant with Windows 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)

• Easy to use Web based configuration

• 3-Year Warranty

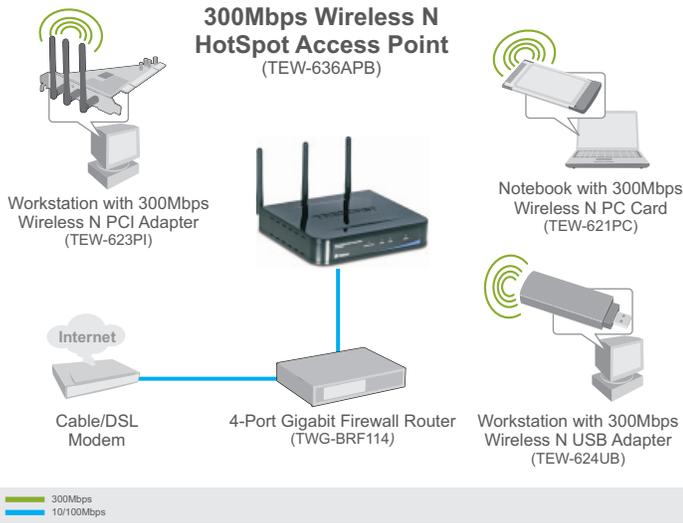# Wireless N Hot Spot Access Point
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SPECIFICATIONS

Hardware

Standards	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • Wireless: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (draft 2.0)
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	• WPS, Power, WLAN, Status
Power Adapter	• 12V DC, 1A External Power Adapter
Dimension (L x W x H)	• 180 x 122 x 30 mm (6.8 x 4.6 x 1.1 inches)
Weight	• 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)
Certification	• CE, FCC

Wireless

Frequency	• 2.412 ~ 2.462 GHz (FCC) • 2.412 ~ 2.472 GHz (ETSI)
Module Technique	• 802.11n: BPSK, QPSK, 16QAM, with OFDM • OFDM; 802.11b: CCK (11 Mbps, 5.5 Mbps), DQPSK (2Mbps), DBPSK (1 Mbps)
Antenna	• 3 x 2dBi detachable dipole antennas
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 2.0): 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 2.0: 14dBm (Typical) with HT20 & HT40
Receiving Sensitivity	• 802.11b: -84dBm (Typical) @ 11mpbs • 802.11g: -72dBm (Typical) @ 54Mbps • 802.11n (Draft 2.0) : -70dBm (Typical) with HT20 & HT40
Channels	• 1~ 11 (US), 1~13 (EU)

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NETWORKING SOLUTIONS

300Mbps Wireless N HotSpot Access Point
(TEW-636APB)

Workstation with 300Mbps Wireless N PCI Adapter
(TEW-623PI)

Notebook with 300Mbps Wireless N PC Card
(TEW-621PC)

Internet

Cable/DSL Modem

4-Port Gigabit Firewall Router
(TWG-BRF114)

Workstation with 300Mbps Wireless N USB Adapter
(TEW-624UB)

300Mbps
10/100Mbps

PACKAGE CONTENTS

- TEW-636APB
- Multi-Language Quick Installation Guide
- CD-ROM with user's guide
- Power Adapter (12V DC, 1A)

RELATED PRODUCTS

TEW-621PC	Wireless N PC Card
TEW-623PI	Wireless N PCI Adapter
TEW-624UB	300Mbps Wireless N USB 2.0 Adapter

ORDERING INFORMATION

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