

TEW-825DAP

Trendnet TEW-825DAP AC1750 Dual Band PoE Access Point

Product Overview

TrendNet AC1750 Dual Band PoE Access Point with Gigabit PoE LAN port - Concurrent 1300 Mbps Wi-Fi AC + 450 Mbps Wi-Fi N bands, Access Point, Client, WDS AP, WDS Bridge, WDS Station, and Repeater modes, Supports wireless encryption up to WPA2, Wi-Fi Traffic Shaping, Create up to 8 SSIDs per band (16 total), IPv6 network support, Power over Ethernet (PoE), Automatically directing wireless devices from the 2.4 GHz band to the 5 GHz band, Includes Mounting plate to reduces installation time





Specifications

About this product

The TRENDnet TEW-825DAP AC1750 Dual Band PoE Access Point delivers high speed wireless networking with concurrent 1300 Mbps Wi-Fi AC on 5 GHz and 450 Mbps Wi-Fi N on 2.4 GHz, plus a Gigabit PoE LAN port. With multiple operating modes, up to 16 SSIDs, WPA2 wireless encryption, Wi-Fi traffic shaping, IPv6 support and PoE installation, it is a versatile choice for business and professional wireless networks. Buy now from our website for a flexible dual band access point solution.

Overview Summary

TRENDnet TEW-825DAP AC1750 Dual Band PoE Access Point is designed to provide flexible high performance wireless connectivity for business and professional network environments. It supports concurrent 1300 Mbps Wi-Fi AC on the 5 GHz band and 450 Mbps Wi-Fi N on the 2.4 GHz band, allowing compatible wireless devices to connect using the appropriate frequency band.

The access point supports multiple operating modes including Access Point, Client, WDS AP, WDS Bridge, WDS Station and Repeater. It can create up to 8 SSIDs per wireless band, for a total of 16 SSIDs, while WPA2 encryption, Wi-Fi traffic shaping and IPv6 network support provide useful features for managing a modern wireless network.

Power over Ethernet allows network connectivity and power to be delivered through the PoE connection, helping simplify installation. The included mounting plate is designed to reduce installation time, making the TEW-825DAP suitable for a range of wireless networking deployments.

Performance tier: AC1750 dual band professional access point

Uses: business Wi-Fi, professional wireless networking, network expansion, wireless bridging, wireless repeating, multi-SSID networks

Overview

Equip your business with a manageable and cost-effective AC1750 wireless network with TRENDnet's AC1750 Dual Band PoE+ Access Point, model TEW-825DAP. Broadcast concurrent 1300 Mbps Wi-Fi AC and 450 Mbps Wi-Fi N networks. Relieve congestion and overcrowding on the 2.4 GHz band by employing band steer technology. Power the access point with the included AC adapter, or connect via PoE+ for installation flexibility. The low-profile design blends into most environments and includes a convenient ceiling / wall mounting plate.

Description

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Product Specification Sheet

The TRENDnet TEW-825DAP is an AC1750 dual band wireless access point designed to provide flexible wireless connectivity for professional network environments. It supports concurrent wireless throughput of up to 1300 Mbps on the Wi-Fi AC 5 GHz band and 450 Mbps on the Wi-Fi N 2.4 GHz band, providing two wireless bands for compatible network devices.

A key advantage of the TEW-825DAP is its range of operating modes. It can function as an Access Point, Client, WDS AP, WDS Bridge, WDS Station or Repeater, allowing it to be deployed in different network configurations. This makes the device suitable for extending wireless coverage, connecting wireless clients and supporting wireless bridging requirements.

The access point supports up to 8 SSIDs per band, allowing up to 16 SSIDs in total. Multiple SSIDs can be useful when different wireless network configurations are required within the same deployment. Wi-Fi traffic shaping provides an additional feature for managing wireless traffic.

Wireless security supports encryption up to WPA2, while IPv6 network support helps the device integrate with modern network environments. The Gigabit PoE LAN port supports network connectivity and Power over Ethernet functionality, helping simplify installation where compatible PoE infrastructure is available.

The TEW-825DAP also supports automatic wireless device direction from the 2.4 GHz band to the 5 GHz band. This dual band feature can help compatible wireless devices make use of the higher speed Wi-Fi AC band. An included mounting plate helps reduce installation time when mounting the access point.

Features

The TRENDnet TEW-825DAP combines dual band wireless networking, flexible operating modes and PoE installation in a professional access point design.

- AC1750 dual band wireless networking
- Concurrent 1300 Mbps Wi-Fi AC on the 5 GHz band
- Concurrent 450 Mbps Wi-Fi N on the 2.4 GHz band
- Gigabit PoE LAN port
- Supports Access Point mode
- Supports Client mode
- Supports WDS AP mode
- Supports WDS Bridge mode
- Supports WDS Station mode
- Supports Repeater mode
- Supports wireless encryption up to WPA2
- Wi-Fi Traffic Shaping support
- Up to 8 SSIDs per wireless band
- Up to 16 SSIDs in total
- IPv6 network support
- Power over Ethernet support
- Automatically directs wireless devices from the 2.4 GHz band to the 5 GHz band
- Includes a mounting plate designed to reduce installation time

Access Point Flexibility

Concurrent 1300 Mbps WiFi AC and 450 Mbps WiFi N combined with AP, Client, WDS, and Repeater modes support multiple applications.

Band Steering

Band steering alleviates network congestion by automatically directing wireless devices from the 2.4 GHz band to the 5 GHz band.

PoE+

Saves installation time and costs with Gigabit PoE+ support.

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Product Specification Sheet

Multi-Language

Multi-Language Interface: English, Spanish, French, German, and Russian

Power over Ethernet (PoE+)

Saves installation time and costs with Gigabit PoE support

Concurrent Dual Band

AC1750: concurrent 1300 Mbps WiFi AC + 450 Mbps WiFi N bands

Multiple AP Modes

Supports Access Point (AP), Client, WDS+AP, WDS Bridge, WDS Station, and Repeater modes

AP Utility

The included Windows-based utility reduces WiFi configuration and setup time

Gigabit Port

Gigabit PoE+ LAN port maintains high performance connections to the wired network

Wireless Coverage

Extended wireless coverage with MIMO antenna technology

Encrypted Wireless

Supports wireless encryption up to WPA2

Band Steering

Band steering alleviates network congestion by automatically directing wireless devices from the 2.4 GHz band to the 5 GHz band

WiFi Traffic Shaping

Manage traffic allocation per SSID for each band separately

Multiple SSIDs

Create up to 8 SSIDs per band (16 total)

IPv6

IPv6 network support

Housing Design

Off-white low-profile design

LED Control

Reduce product visibility by disabling LED indicators

Mounting Plate

Included ceiling / wall mounting plate for flexible installation

What's in the Box

- TRENDnet TEW-825DAP AC1750 Dual Band PoE Access Point
- Mounting plate

Specifications

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Product Specification Sheet

Product Code	TEW-825DAP
Standards	IEEE 802.1Q
	IEEE 802.3
	IEEE 802.3u
	IEEE 802.3x
	IEEE 802.3ab
	IEEE 802.3at
	IEEE 802.11a
	IEEE 802.11b
	IEEE 802.11g
	IEEE 802.11n (up to 450 Mbps)
	IEEE 802.11ac (up to 1300 Mbps)
Hardware Interface	1 x PoE+ Gigabit LAN port
	Power port (optional non-PoE installation)
	Reset button
	LED indicators
	Mounting plate
Special Features	Concurrent Dual band
	Band Steering
	WiFi traffic shaping
	802.1Q VLAN assignment per SSID
	IPv6 support (Link-Local, Static IPv6, Auto-Configuration (SLAAC / DHCPv6))
	Multi-Language interface, English, French, Spanish, German, Russian
	LEDs on / off
	Captive Portal (Coovachilli)
Operation Modes	Access Point
	Client
	WDS AP
	WDS Bridge
	WDS Station
	Repeater

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Product Specification Sheet

Management / Monitoring	Web based management
	Software Utility
	SNMP v1 / v3
	STP
	Event logging
	Ping test
	Traceroute
	CLI
Utility OS Compatibility	Windows, , 10, 8.1, 8, 7, Vista, XP
Access Control	Wireless encryption: WEP, WPA / WPA2-PSK, WPA / WPA2-RADIUS
	MAC filter
	Maximum client limit
QoS	WMM
	Traffic shaping per SSID
SSID	Up to 8 SSIDs per wireless band (16 total)
Frequency	2.4 GHz: 2.412 - 2.472 GHz
	5 GHz: 5.180 - 5.825 GHz
Wireless Channels	2.4 GHz: FCC: 1-11, ETSI: 1 - 13
	5 GHz: FCC: 36, 40, 44, 48, 149, 153, 157, 161 and 165 ETSI: 36, 40, 44, 48, (52, 56, 60, 64, 100,104,108,112,116, 132, 136, 140)
Modulation	DBPSK / DQPSK / CCK for DSSS technique
	BPSK / QPSK / 16-QAM / 64-QAM / 256-QAM for OFDM technique
Antenna Gain	2.4 GHz: 3 x 4 dBi
	5 GHz: 3 x 4 dBi
Wireless Output Power / Receiving Sensitivity	802.11a: FCC: 23 dBm, ETSI: 21 dBm (Max.) / -65 dBm (typical) @ 54 Mbps
	802.11b: FCC: 22 dBm (Max.), CE: 8 dBm (Max) / -83 dBm (typical) @ 11 Mbps
	802.11g: 17 dBm (Max.), CE: 10 dBm (Max.) / -65 dBm (typical) @ 54 Mbps
	802.11n: FCC: 17 dBm (Max.), CE: 11 dBm (Max.) / -61 dBm (typical) @ 450 Mbps 2.4 GHz
	802.11n: FCC: 23 dBm, CE: 21 dBm (Max.) / -61 dBm (typical) @ 450 Mbps 5 GHz
	802.11ac: FCC: 23 dBm, CE: 21 dBm (Max.) / -54 dBm (typical) @ 1300 Mbps
Power	Input: 100 - 240 V AC, 50 - 60 Hz / Output: 12 V DC, 1.5 A external power adapter (non-PoE installation)
	Consumption: 12.5 Watts (max.)
Operating Temperature	0 - 40 degreesC (32 - 104 degreesF)
Operating Humidity	Max. 95 % non-condensing
Certifications	CE
	FCC

Dimensions	187 x 187 x 46 mm (7.3 x 7.3 x 1.8 in.)
Weight	416 g (14.7 oz.)

FAQ

What is the TRENDnet TEW-825DAP?

The TRENDnet TEW-825DAP is an AC1750 dual band PoE wireless access point designed for professional wireless networking applications.

What wireless speeds does the TEW-825DAP support?

The TEW-825DAP supports concurrent speeds of up to 1300 Mbps on Wi-Fi AC at 5 GHz and 450 Mbps on Wi-Fi N at 2.4 GHz.

Does the TEW-825DAP support Power over Ethernet?

Yes. The TEW-825DAP has a Gigabit PoE LAN port and supports Power over Ethernet for network connectivity and power delivery through the PoE connection.

How many SSIDs can the TEW-825DAP create?

The access point can create up to 8 SSIDs on each wireless band, providing up to 16 SSIDs in total.

Which operating modes does the TEW-825DAP support?

The access point supports Access Point, Client, WDS AP, WDS Bridge, WDS Station and Repeater modes.

Does the TEW-825DAP support WPA2?

Yes. The wireless access point supports wireless encryption up to WPA2.

Does the TEW-825DAP support IPv6?

Yes. The TEW-825DAP supports IPv6 network connectivity.

Can the TEW-825DAP help direct devices to the 5 GHz band?

Yes. The access point can automatically direct wireless devices from the 2.4 GHz band to the 5 GHz band.

What is included with the TEW-825DAP?

The package includes the TRENDnet TEW-825DAP AC1750 Dual Band PoE Access Point and a mounting plate designed to reduce installation time.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TEW-825DAP-Trendnet-TEW-825DAP-AC1750-Dual-Band-PoE-Buy-p-163929.php>

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