ComX Computers
Product Specification Sheet

TL-EAP115

TP-Link EAP115 300Mbps Wireless N Ceiling Mount Access Point

Product Overview

TP-Link EAP115 300Mbps Wireless N Ceiling Mount Access Point; 2.4GHz Wi-Fi; IEEE 802.11b/g/n; 2 x Internal 4dBi Omnidirectional Antennas; 1 x 10/100Mbps RJ-45; IEEE 802.3af PoE; Up to 8 SSIDs; Omada Management; Ceiling/Wall Mounting; 2.8W Power Consumption; 189.5 x 170.5 x 29.7mm











Specifications

About this product

The TP-Link TL-EAP115 300Mbps Wireless N Ceiling Mount Access Point is a business-grade Wi-Fi solution designed to provide reliable wireless network connectivity in offices, hotels, schools, restaurants and commercial environments. Featuring 2.4GHz Wireless N technology, speeds of up to 300Mbps, two internal 4dBi omnidirectional antennas and Power over Ethernet (PoE) support, it offers flexible installation and centralised network management through the TP-Link Omada platform. With multiple SSIDs, guest network authentication and advanced wireless security features, it is ideal for managing wireless access across business environments. Buy the TP-Link EAP115 online in South Africa for convenient business Wi-Fi connectivity.

Overview Summary

TP-Link TL-EAP115 300Mbps Wireless N Ceiling Mount Access Point

The TP-Link TL-EAP115 is a wireless access point designed to extend Wi-Fi connectivity across business and commercial environments. Supporting IEEE 802.11b/g/n wireless standards, it delivers wireless speeds of up to 300Mbps on the 2.4GHz frequency band. Its two internal 4dBi omnidirectional antennas help provide wireless coverage, while its discreet ceiling or wall mounting design allows flexible installation in offices, hotels, schools and other shared environments.

Designed for convenient deployment and network administration, the EAP115 supports IEEE 802.3af Power over Ethernet (PoE), allowing it to receive power through a compatible Ethernet connection. It integrates with the TP-Link Omada management platform and supports features such as multiple SSIDs, guest authentication, wireless scheduling, access control and VLAN mapping. With support for up to 8 SSIDs and more than 100 concurrent clients under specified conditions, it offers practical wireless network management for growing business environments.

Performance tier: Entry-level business Wireless N access point

Uses: Office Wi-Fi networks, hotel wireless connectivity, school networks, restaurant Wi-Fi, commercial wireless networking, guest Wi-Fi access, small business network expansion

Description

The TP-Link TL-EAP115 is a business-oriented wireless access point developed to provide convenient and manageable Wi-Fi connectivity in commercial and professional environments. Its ceiling mount design offers a discreet installation option, helping businesses deploy wireless connectivity without taking up valuable desk or floor space. The device can also be mounted on a wall using the included mounting kit.

Powered by Wireless N technology, the EAP115 supports wireless transmission speeds of up to 300Mbps on the 2.4GHz frequency band. It is compatible with IEEE 802.11b, IEEE 802.11g and IEEE 802.11n wireless standards, allowing compatible wireless devices to connect to the network. Its two internal 4dBi omnidirectional antennas are designed to distribute wireless signals throughout the surrounding coverage area.

For flexible installation, the EAP115 supports IEEE 802.3af Power over Ethernet. This allows the access point to receive electrical power through a compatible PoE network connection, reducing the need for a separate power outlet at the installation point. Alternatively, it supports an external 9V DC, 0.6A power supply.

The EAP115 integrates with the TP-Link Omada management platform, providing centralised administration for compatible business networks. Network administrators can configure wireless settings, monitor connected clients and manage access points through the Omada Controller software or compatible Omada application.

Multiple SSID functionality allows administrators to create up to 8 separate wireless network names for different user groups. Additional management features include automatic channel assignment, transmit power control, wireless scheduling, bandwidth rate limiting, Quality of Service (WMM) and wireless client statistics.

Security features include captive portal authentication, wireless MAC address filtering, client isolation, access control, SSID-to-VLAN mapping and WPA/WPA2 security options. These functions make the TP-Link EAP115 suitable for businesses that need managed wireless connectivity for employees, visitors and other network users.

With its compact mounting design, PoE support and centralised management capabilities, the TP-Link TL-EAP115 provides a practical solution for extending wireless connectivity across offices, educational facilities, hospitality businesses and other commercial environments.

Features

The TP-Link TL-EAP115 combines business wireless networking features with flexible installation and centralised management.

- 300Mbps Wireless N connectivity: Supports wireless transmission speeds of up to 300Mbps on the 2.4GHz frequency band.
- 2.4GHz wireless frequency: Operates within the 2.4GHz frequency range for compatibility with IEEE 802.11b/g/n wireless devices.
- Two internal omnidirectional antennas: Features two integrated 4dBi antennas designed to distribute wireless signals.
- Ceiling and wall mounting: Supports flexible installation using the included mounting kit.
- Power over Ethernet: Supports IEEE 802.3af PoE for convenient power delivery through a compatible Ethernet connection.
- Omada centralised management: Integrates with TP-Link Omada Controller software for centralised configuration and network administration.
- Omada app support: Allows network configuration, client monitoring and access point management through the compatible mobile application.
- Multiple SSIDs: Supports up to 8 SSIDs for separating wireless networks and user groups.
- Guest network functionality: Supports captive portal authentication and multiple guest authentication options.
- Wireless security: Supports WEP, WPA, WPA2-Personal and WPA2-Enterprise security options.
- VLAN support: Supports SSID-to-VLAN mapping and management VLAN functionality for network segmentation.
- Wireless access control: Includes MAC address filtering, client isolation and access control features.
- Automatic channel assignment: Helps administrators manage wireless channel selection.
- Transmit power control: Allows adjustment of wireless transmission power.
- Quality of Service: Supports WMM for wireless traffic prioritisation.
- Wireless scheduling: Supports configurable wireless operating schedules and automatic reboot scheduling.
- Low power consumption: Maximum power consumption of 2.8W.

Omada SDN-Smarter Cloud Solution for Business Networking
Omada Software Defined Networking (SDN) platform integrates network devices including access points, switches and gateways, guaranteeing powerful business network with higher efficiency, higher security, and higher reliability.

Hassle-Free Centralized Cloud Management:
100% centralized cloud management of whole network from different sites-all controlled from a single interface anywhere, anytime.

Guest Network with Facebook and SMS Support
The captive portal helps maintain only authorized guests to use the network, presenting devices with a convenient, user-friendly authentication method to grant Wi-Fi access. The addition of SMS and Facebook authentication simplifies the captive portal even further to simplify connectivity and boost your business.

Timesaving and Flexible Deployment
The Omada EAP115 is designed for easy installation on any wall or ceiling. The Power over Ethernet (PoE) function allows your network cables to carry electrical power so you minimize cable clutter. It's one more hardwiring hassle you don't have to worry about when operating your centralized management system.

Easy Management with the Omada App
Follow configuration instructions on the free Omada app to get set up in minutes. Omada lets you configure settings, monitor the network status and manage clients, all from the convenience of a smartphone or tablet.

What's in the Box

- TP-Link TL-EAP115 300Mbps Wireless N Ceiling Mount Access Point
- Power Adapter
- Mounting Kit
- Installation Guide

Specifications

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	TL-EAP115
HARDWARE FEATURES	
Interface	1x Fast Ethernet (RJ-45) Port (Support IEEE802.3af PoE)
Button	Reset
Power Supply	802.3af PoE or external 9VDC/0.6A power supply
Power Consumption	2.8 W
Dimensions	7.5x6.8x1.2 in (189.4x172.3x29.5mm)
Antenna Type	Internal 2x 4 dBi Omni
Mounting	Ceiling /Wall Mounting (Kits included)
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	2.4-2.4835 GHz
Signal Rate	11n: Up to 300Mbps(dynamic)
	11g: Up to 54Mbps(dynamic)
	11b: Up to 11Mbps(dynamic)
Reception Sensitivity	300M: -71dBm@10% PER
	150M: -75dBm@10% PER
	54M: -78dBm@10% PER
	11M: -93dBm@8% PER
	6M: -92dBm@10% PER
	1M: -96dBm@8% PER

Wireless Functions	Multiple SSIDs (Up to 8 SSIDs)
	Enable/Disable Wireless Radio
	Automatic Channel Assignment
	Transmit Power Control (Adjust Transmit Power on dBm)
	QoS(WMM)
	Rate Limit
	Reboot Schedule
	Wireless Schedule
	Wireless Statistics based on SSID/AP/Client
Wireless Security	Captive Portal Authentication
	Access Control
	Wireless MAC Address Filtering
	Wireless Isolation Between Clients
	SSID to VLAN Mapping
	Rogue AP Detection
	802.1X Support
	64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA-PSK / WPA2-PSK
Transmission Power	CE:
	<=19 dBm (EIRP)
	FCC:
	<=21 dBm
MANAGEMENT	
Omada App	Yes
Centralized Management	Omada Cloud-Based Controller
	Omada Hardware Controller (OC300)
	Omada Hardware Controller (OC200)
	Omada Software Controller
Cloud Access	Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller)
Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c
System Logging Local/Remote Syslog	Local/Remote Syslog
SSH	Yes
Web-based Management	HTTP/HTTPS
Management VLAN	Yes

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	300Mbps Wireless N Ceiling Mount Access Point EAP115
	Power Adapter
	Mounting Kits
	Installation Guide
System Requirements	Microsoft Windows 10/8/7/Vista/XP
Environment	Operating Temperature: 0-40 degreesC (32-104 degreesF)
	Storage Temperature: -40-70 degreesC (-40-158 degreesF)
	Operating Humidity: 10-90% RH non-condensing
	Storage Humidity: 5-90% RH non-condensing

FAQ

What is the maximum wireless speed of the TP-Link EAP115?

The TP-Link EAP115 supports wireless speeds of up to 300Mbps using 802.11n technology on the 2.4GHz frequency band. Actual speeds depend on network conditions, interference and connected devices.

Does the TP-Link EAP115 support Power over Ethernet?

Yes. The EAP115 supports IEEE 802.3af Power over Ethernet (PoE), allowing it to receive power through a compatible PoE network connection. It also supports an external 9V DC, 0.6A power supply.

Can the TP-Link EAP115 be mounted on a ceiling?

Yes. The EAP115 supports both ceiling and wall mounting. A mounting kit is included for convenient installation.

Does the TP-Link EAP115 support centralised network management?

Yes. The access point integrates with the TP-Link Omada platform, allowing administrators to configure and monitor compatible access points through Omada Controller software and the Omada application.

How many wireless networks can the EAP115 create?

The TP-Link EAP115 supports up to 8 SSIDs, allowing administrators to configure separate wireless network names for different users or departments.

Is the TP-Link EAP115 suitable for guest Wi-Fi?

Yes. It supports guest network functionality and captive portal authentication, including multiple authentication options, making it suitable for businesses that provide wireless internet access to visitors.

Which wireless devices are compatible with the TP-Link EAP115?

The EAP115 supports IEEE 802.11b/g/n wireless standards on the 2.4GHz frequency band. Compatible smartphones, laptops, tablets and other 2.4GHz Wi-Fi devices can connect to the network.

Does the TP-Link EAP115 support 5GHz Wi-Fi?

No. The EAP115 is a 2.4GHz Wireless N access point and does not provide 5GHz wireless connectivity.

What Ethernet connection does the TP-Link EAP115 have?

The EAP115 has one 10/100Mbps Fast Ethernet RJ-45 port that supports IEEE 802.3af Power over Ethernet.

Is the TP-Link EAP115 suitable for offices and hotels?

Yes. Its ceiling or wall mounting options, multiple SSIDs, guest authentication and centralised Omada management make it suitable for office networks, hotels, schools, restaurants and other commercial environments.

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/TL-EAP115-TP-Link-EAP115-300Mbps-Wireless-N-Ceiling-Mount-Access-Point-p-342107.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-12 10:22:29.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.