

AP361

Huawei AP361 Dual Band Wi-Fi 6 Ceiling Mount Access Point Indoor

Product Overview

Huawei AP361 Dual Band Wi-Fi 6 Ceiling Mount Access Point Indoor, 1x Gigabit Port supporting PoE, Built-In Smart antennas, 2.4GHz (2 x 2 MIMO), 5GHz (2 x 2 MIMO), Up to 1.775 Gbps Throughput Max, 575 Mbps @ 2.4GHz, 1.2 Gbps @ 5GHz



Specifications

Overview:

Huawei Dual Band Ceiling Mount Access Point Indoor | AP361

Huawei eKitEngine AP361 is a Wi-Fi 6 (802.11ax) indoor access point (AP). It can simultaneously provide services on 2.4 GHz (2x2 MIMO) and 5 GHz (2x2 MIMO) frequency bands, achieving a device rate of up to 1.775 Gbps.

- High-Speed Wireless Connectivity: Supports 802.11ac Wave 2 technology with a maximum throughput of up to 1.167 Gbps.
- Dual-Band Operation: Concurrently operates on both 2.4 GHz and 5 GHz bands for enhanced performance and reduced interference.
- Flexible Deployment: Compact design suitable for various environments, including ceiling and wall mount options.
- Advanced Security: Features WPA3 encryption and robust authentication methods to protect your network from unauthorised access.
- Seamless Roaming: Ensures smooth handoff and uninterrupted connectivity as users move between access points.
- Easy Management: Intuitive web-based interface and support for cloud management simplify deployment and monitoring.

- Energy-Efficient: Built with energy-saving features to reduce power consumption without compromising performance.
- Scalable Solution: Ideal for small to medium-sized networks, with the ability to expand as your needs grow.
- Quality of Service (QoS): Prioritises traffic to ensure optimal performance for critical applications.

Features:

Huawei eKitEngine AP361 Wi-Fi 6 Access Point

Huawei eKitEngine AP361 is an indoor Wi-Fi 6 (802.11ax) Access Point. It can simultaneously provide services on the 2.4 GHz (2x2) and 5 GHz (2x2) frequency bands. This AP features high bandwidth, high concurrency, and compact size, facilitating flexible deployment and saving customer investment. Such strengths make the AP a good fit for indoor coverage in SME markets, such as SOHO enterprise offices, small- and medium-sized hospitals, commercial real estate, budget chain hotels, and primary and secondary schools.

Wi-Fi 6 (802.11ax) standard

As the latest Wi-Fi standard defined in IEEE 802.11, 802.11ax improves the user access capacity and bandwidth in high-density access scenarios, reducing service latency and enhancing user experience.

802.11ax supports multi-user multiple-input multiple-output (MU-MIMO) on both the 2.4 GHz and 5 GHz frequency bands, allowing an AP to transmit data to and receive data from multiple STAs simultaneously and multiplying the utilization of radio spectrum resources.

802.11ax supports 1024-quadrature amplitude modulation (QAM), improving data transmission efficiency by 25% compared with 802.11ac (supporting 256-QAM). Orthogonal frequency division multiple access (OFDMA) technology enables the AP to transmit data to multiple STAs at the same time using different subcarriers, reducing latency and improving network efficiency. Spatial reuse (SR) technology uses basic service set (BSS) coloring to enable APs and STAs to distinguish overlapping BSSs, minimizing co-channel interference.

MU-MIMO

The AP supports MU-MIMO and a maximum of four spatial streams, two spatial streams at 2.4 GHz and two spatial streams at 5 GHz. The MU-MIMO technology enables an AP to send data to multiple STAs simultaneously, which doubles the radio spectrum resource usage, increases the number of access users and bandwidth, and improves user experience in high-density access scenarios.

High-speed access

The AP supports 80 MHz frequency bandwidth, which increases the number of available data subcarriers and extends transmission channels. In addition, the AP uses 1024-QAM and MU-MIMO technologies to achieve a rate of up to 0.575 Gbps on the 2.4 GHz frequency band and 1.2 Gbps on the 5 GHz frequency band, and 1.775 Gbps for the device.

High Density Boost technology

Huawei uses the following technologies to address challenges in high-density scenarios, including access problems, data congestion, and poor roaming experience

5G-prior access

The AP supports both 2.4 GHz and 5 GHz frequency bands. The 5G-prior access function enables the AP to steer STAs to the 5 GHz frequency band preferentially, which reduces loads and interference on the 2.4 GHz frequency band, improving user experience.

Wired and wireless dual security guarantee

To ensure data security, Huawei APs integrate wired and wireless security measures and provide comprehensive security protection.

Specifications:

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Specifications

ComX Computers

Product Specification Sheet

Product Code	AP361
Dimensions (diameter x length)	180 mm x 35 mm
Weight	0.45 kg
Port type	1 x 10M/100M/1GE electrical port , Note: The GE electrical port supports PoE input.
Power input	PoE power supply: in compliance with IEEE 802.3af
Maximum power consumption	8.8 W
Antenna type	Built-in smart antennas
Antenna gain	2.4 GHz: 4 dBi , 5 GHz: 5 dBi
LED indicator	Indicates the power-on, startup, running, alarm, and fault states of the system.
Number of learnt MAC addresses	2048
Number of VLANs	65
Number of IPv4 routes	256
Number of ARP entries	1024
Number of ACLs	4096
Maximum number of access users managed by an AC	128
Maximum number of access users on an AP	Total: 128, 128/radio
Recommended number of access users	80

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/AP361-Huawei-AP361-Dual-Band-Wi-Fi-6-Ceiling-Mount-Buy-p-307614.php>

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