

AP362

Huawei eKitEngine AP362 Wi-Fi 6 indoor Access Point

Product Overview

Huawei eKitEngine AP362 Wi-Fi 6 Indoor Access Point, 1x Gigabit RJ45 Port, 2.4GHz (2 x 2 MIMO), 5GHz (2 x 2 MIMO), 575 Mbps @ 2.4GHz, 2.4 Gbps @ 5GHz, 2.975 Gbps Max Throughput



Specifications

Overview:

Huawei eKitEngine AP362 Wi-Fi 6 Access Point

Huawei AP362 is a Wi-Fi 6 (802.11ax) wall plate access point (AP). It can simultaneously provide services on 2.4 GHz (2 2 MIMO) and 5 GHz (2 2 MIMO) frequency bands, achieving a device rate of up to 2.975 Gbps. This AP features high bandwidth and high concurrency with compact size, facilitating flexible deployment and saving customers' investment. These strengths make the AP362 ideal for indoor coverage scenarios of small and medium-sized enterprise offices, hospitals, and higher education.

Dual-radio mode: 2.4 GHz (2 2 MIMO) + 5 GHz (2 2 MIMO), achieving rates of up to 575 Mbps and 2.4 Gbps, respectively, and 2.975 Gbps for the device. 1 x GE electrical port. Built-in smart antennas to provide precise coverage for STAs, reduce interference, and improve signal quality. Supports the Fat, Fit, leader, and cloud working modes.

Features:

- Wi-Fi 6 (802.11ax) standard
- MU-MIMO

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Product Specification Sheet

- High-speed access
- High Density Boost technology
- Wired and wireless dual security guarantee
- Automatic radio calibration
- Leader AP
- Cloud-based Management

WLAN

- Compliance with IEEE 802.11ax and compatibility with IEEE 802.11a/b/g/n/ac/ac Wave 2
- Maximum ratio combining (MRC)
- Space time block code (STBC)
- Cyclic Delay Diversity (CDD)/Cyclic Shift Diversity (CSD)
- Beamforming
- Multi-user multiple-input multiple-output (MU-MIMO)
- Orthogonal frequency division multiple access (OFDMA)
- Compliance with 1024-quadrature amplitude modulation (QAM) and compatibility with 256-QAM, 64-QAM, 16-QAM, 8-QAM, quadrature phase shift keying (QPSK), and binary phase shift keying (BPSK)
- Target wake time (TWT)
- Low-density parity-check (LDPC)
- Frame aggregation, including A-MPDU (Tx/Rx) and A-MSDU (Tx/Rx)
- 802.11 dynamic frequency selection (DFS)
- Short guard interval (GI) in 20 MHz, 40 MHz, 80 MHz and 160 MHz modes
- Priority mapping and scheduling that are compliant with Wi-Fi multimedia (WMM) to implement priority-based data processing and forwarding.
- Automatic and manual rate adjustment (the rate is adjusted automatically by default)
- WLAN channel management and channel rate adjustment
- Automatic channel scanning and interference avoidance
- Service set identifier (SSID) hiding
- Signal sustain technology (SST)
- Unscheduled automatic power save delivery (U-APSD)
- Control and Provisioning of Wireless Access Points (CAPWAP) in Fit AP mode
- Extended Service Set (ESS) in Fit AP mode
- Advanced cellular coexistence (ACC), minimizing the impact of interference from cellular networks
- Multi-user call admission control (CAC)
- 802.11k and 802.11v smart roaming
- 802.11r fast roaming (50 ms)

Specifications:

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Specifications	
Product Code	AP362
Installation Type	Wall, Ceiling or T-Rail
Dimensions without packaging (H x W x D)	Diameter x depth: 180 mm x 35 mm

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Product Specification Sheet

Dimensions with packaging (H x W x D)	52 mm x 231 mm x 200 mm
Weight	0.46 kg
Storage	NAND Flash 256 MB
Console port	None
Maximum power consumption	11.2 W
Power supply mode	DC adapter, PoE
Rated input voltage	12 V
Input voltage range	DC - 12 V 10%, PoE - 802.3af
Service port surge protection	PoE port: Common mode (8 wires to ground): 4 kV (1.2/50 us, 42 ohms), criterion C
Maximum number of physical ports on the entire device	GE (RJ45) x 1, 10M/100M/1000M auto-sensing
Long-term operating temperature	-10 C to +50 C (If the altitude is in the range of 1800 m to 5000 m, the temperature decreases by 1 C or 1.8 F every time the altitude increases by 300 m.)
Storage temperature	-40 C to +70 C
Long-term operating relative humidity [RH]	5% RH to 95% RH
Long-term operating altitude	-60 m to +5000 m
Atmospheric pressure	53kPa - 106kPa ETSI 300 019-2-3
Ground	Floating ground
BLE	Not supported
Radio number	2
Operating frequency band	2.4GHz and 5GHz
MIMO spatial streams	Radio 0 (2.4 GHz): 2 2 and Radio 1 (5 GHz): 2 2
Wi-Fi standard	2.4G: 802.11b/g/n/ax , 5G: 802.11a/n/ac/ac Wave 2/ax
Radio interface	Built-in smart antennas

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/AP362-Huawei-eKitEngine-AP362-Wi-Fi-6-indoor-Access-Buy-p-307615.php>

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Product Specification Sheet

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