

Overview

- Wi-Fi 6 Dual Band 2x2 (2.4/5GHz)
- Uplink: 1 x 1Gbps (RJ-45) with PoE-In
- LAN: 4 x 1Gbps (RJ-45)
- Passthrough: 1 x pass-through port from rear to bottom



Manufacturer: EdgeCore

Specifications

Radios:

- Concurrent Dual-Band 2.4 GHz & 5 GHz
- 802.11ax 2x2:2 UL & DL MU-MIMO supporting up to 3 Gbps data rate

Interfaces:

- Uplink: 1 x 10/100/1000-T Ethernet, Auto MDIX, RJ-45 with standard PoE input
- LAN: 4 x 10/100/1000-T Ethernet, Auto MDIX, RJ-45
- Pass-Thru: 1 x pass-through port from rear to bottom
- Console: 1 x Micro-USB Port



Access Point - Wi-Fi 6 Wall Plate 2x2 - EAP-104L

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Physical

- Dimensions (L x W x H): 6.31 in x 3.52 in x 1.33 in (160.5 mm x 89.5 mm x 34 mm)
- Power options
 - DC Input: 12V / 2.0A (Adapter AC Input: 100–240 VAC, 50-60 Hz DC Output: 12 VDC, 2 A)
 - PoE input: 802.3at/af compliant - 22.4 W max, 48 VDC–55 VDC; 802.3at-compliant
- Weight: 0.45 kg (1 lbs)
- 5 X LED Indicator (Power, Cloud Status, 5G-WiFi, 2.4G-WiFi / uplink)
- Buttons: Restart/Reset
- Environmental Conditions
 - Operating Temperature: 32°F (0°C) to 113°F (45°C)
 - Operating Humidity: 5% to 95% non-condensing
- Power Consumption: 12.9 W max
- Antenna
 - Type: 4 x Built-in antenna (2 x 2.4 GHz, 2 x 5 GHz)
 - Gain: 3.9 dBi (2.4 GHz), 5.2 dBi (5 GHz)
- Mounting options
 - Wallplate (standard bracket)
 - Wallmount (standard bracket)
 - Desktop (optional stand)
 - Anti-theft: 1 x screw lock

Radio

- Standards 802.11ax (Wi-Fi 6) concurrent dual-band 2.4 & 5 GHz
- Supported Data Rates
 - 802.11b: 1, 2, 5.5, 11 Mbps
 - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
 - 802.11n: 6.5–300 Mbps (20 / 40 MHz)
 - 802.11ac: 6.5–867 Mbps (20 / 40 / 80 MHz)
 - 802.11ax: 3.6–574 Mbps (2.4 GHz, 20 / 40 MHz)
 - 802.11ax: 3.6–2402 Mbps (5 GHz, 20 / 40 / 80 / 160 MHz)
- Radio Chains: 2 x 2
- Spatial Streams: 2; Uplink and downlink MU-MIMO support
- Aggregate Conducted Transmit Power
 - 2.4 GHz: Up to 22 dBm
 - 5 GHz: Up to 22 dBm
- Channelization
 - 2.4 GHz: 20 / 40 MHz
 - 5 GHz: 20 / 40 / 80 / 160 MHz



- Frequency Range
 - 2.401–2.483 GHz
 - 5.170–5.835 GHz
- Operating Channels
 - 2.4 GHz: 1-11 (US), 1-13 (Europe), 1-13 (Japan)
 - 5 GHz: 36-165 (US), 36-140 (Europe), 36-144 (Japan)

Regulatory Compliance

- Radio: EN300 328 V2.2.2 (2019-07) EN301 893 V2.1.1(2017-05) 47 CFR FCC Part 15.247 47 CFR FCC Part 15.407 IC RSS-247 Issue 2 and RSS-Gen Issue 5 NCC LP0002 Section 4.10.1 (2020-07-01) NCC LP0002 Section 5.7 (2020-07-01) MIC certification Rule, Article 2 Paragraph 1 Item 19 MIC certification Rule, Article 2 Paragraph 1 Item 19-3
- Emissions: EN 301 489-1 V2.1.1 (2017-02) EN 301 489-17 V3.1.1 (2017-02) EN 55032:2015 AS/NZS CISPR 32:2015, Class B 47 CFR FCC Rules and Regulations Part 15 Subpart B, Class B Digital Device ICES-003, Issue 7 Class B CNS 13438 terminal equipment design certification, Article 3, Article 4, Article 6, Article 9 and Article 34 regulation
- Safety: Low Voltage Directive IEC 62368-1:2014;and/or EN 62368-1:2014+A11:2017; and/or BS 62368-1:2014+A11:2017 CNS 14336-1 IEC/EN 62368-1, IEC/EN 60950-1
- Taiwan RoHS: CNS 15663

What's in the box

Package Content:

- EAP-104L access point
- Mounting bracket accessory
- Mounting bracket T8 security screw
- RJ-45 short cable
- Screw kit - 4 screws and 4 plugs

Interface overview

- Pass-Thru Port: Bottom panel to rear panel connection
- LAN1-LAN4 Ports: 1Gbps connections to LAN devices
- Uplink(PoE) Port: 1Gbps connection to 802.3at PoE
- 12 VDC power input
- Console port
- Restart/Reset button
 - A quick press restarts the system
 - Press and hold for 5 seconds resets to factory default



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- System LED Indicators
 - Uplink: Green (link), Blinking (traffic)
 - 2.4G WiFi: On (radio on), Blinking (traffic)
 - 5G WiFi: On (radio on), Blinking (traffic)
 - Cloud: On (cloud managed), off (standalone)
- Power/Status: On (power OK), Blinking (boot up)



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