

# AX820 Product Specifications Document

## Description:

YUNCORE® AX820 This is a high-performance, high-speed indoor 11ax dual-band ceiling-mounted AP. It delivers up to 574Mbps access rate on the 2.4GHz band and up to 1201Mbps on the 5GHz band.

## Features:

- With superior transmission quality and higher data rates, the device achieves a maximum aggregate concurrent throughput of 1775Mbps.
- Supports hardware watchdog function for automatic recovery in case of abnormalities, ensuring maintenance-free operation.
- Elegant exterior design with concealed port housing for clean cable management.
- Supports dual power supply options: 48V PoE and DC 12V.



Hardware Specifications	
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz
2.4GHz WiFi Protocol	802.11 b / g / n /ax
5GHz Frequency Band	5.150GHz ~ 5.850GHz
5G Hz WiFi Protocol	802.11a/n/ac/ax
Antenna	Built-in omnidirectional antennas
Maximum Speed	2.4GHz Max. access rate:574Mbps, 5GHz Max. access rate:1201Mbps
Device Capacity	128
Tx Power	2.4GHz: <22±2dBm 5GHz: <20±2dBm
Interface (WAN)	1/10/100/1000Mbps Self-adaptive WAN Port,Supports PoE 48V power supply
Interface (LAN)	1/10/100/1000Mbps Self-adaptive LAN Port
External Button	Reset Button (hold 6-10 seconds to restore factory defaults)
Status indicator	WAN port light、LAN port light、Tri-color light (three different colors indicate: SYS-red, 2.4G-green, 5.8G-blue)
Power supply	DC2.0 12V $\overline{\text{---}}$ 1.5A, PoE 802.3af

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Power Consumption	< 15W
Dimensions	186mm × 186mm ×36mm
Net Weight	0.4kg
Work Environment	Working:-10°C to 45°C Storage: -40°C to 70°C Humidity: 5% ~ 95% (Non-Condensing)