

## FAP850 Product Specifications Document

### Description:

YUNCORE® FAP850 is a high-performance, high-speed indoor 11be panel AP, offering dual-band wireless services on 2.4GHz and 5GHz frequencies, providing a cleaner wireless environment and more stable wireless access.

### Features:

- WiFi 7 standard, 2.4GHz provides a maximum access rate of 688Mbps, and 5GHz provides a maximum access rate of 4323Mbps
- MIMO 2×2 (2.4GHz) + 3×3 (5GHz)
- Support seamless roaming, high-density deployment, and 128 devices
- Supports 4096-QAM modulation and MLO multi-link technology
- Provides 1×2.5G WAN port + 1×Gigabit LAN port
- Support 48V standard PoE power supply
- Support cloud platform/APP operation and maintenance, easy to maintain



Specifications	
2.4GHz WIFI Protocol	802.11 b / g / n / ax / be
5GHz WIFI Protocol	802.11 a / n / ac / ax / be
Frequency Band	2.4GHz ~ 2.484GHz; 5.150GHz ~ 5.850GHz
Maximum Rate	2.4GHz: 688Mbps; 5GHz: 4323Mbps
Built-in Antenna 2.4GHz	2.4GHz Antennas: 2 internal, Gain per antenna: 2dBi
Built-in Antenna 5GHz	5GHz Antennas: 3 internal, Gain per antenna: 2dBi
Device Capacity	256
2.4GHz Tx Power	<23±2dBm
5GHz Tx Power	<22±2dBm
Interface (WAN)	1×10/100/1000/2500M WAN Port, Support 48V PoE input
Interface (LAN)	1×10/100/1000Mbps LAN Port
External Button	Reset Button (hold 6-10 seconds to restore factory defaults)
LED	SYS
Power supply	PoE 802.3at

Power Consumption	< 18W
Dimensions	86mm×86mm×42.8mm(Low-profile exterior 10.8mm)
Net Weight	0.22kg
Work Environment	Working:-10°C to 40°C; Storage: -40°C to 70°C; Humidity: 5% ~ 95% (Non-Condensing)