

Ceiling-Mounted Tri-Band WiFi 7 AP

Model: BE860-5262

Description:

YUNCORE® BE860-5262 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor tri-band ceiling-mounted AP. It delivers wireless services across three frequency bands: 2.4GHz, 5GHz, and 6GHz, with a 6-stream radio configuration consisting of 2×2 (2.4GHz) + 2×2 (5GHz) + 2×2 (6GHz). The AP provides maximum access speeds of: 688Mbps on 2.4GHz, 4323Mbps on 5GHz, 5764Mbps on 6GHz; Achieving aggregate throughput nearing 11Gbps, this solution is engineered for high-density environments with validated support for up to 384 concurrent users.

Features:

- Dual 6GHz radios with 320MHz channel bandwidth support.
- 4096-QAM modulation implementation for enhanced transmission efficiency.
- MLO (Multi-Link Operation) enables concurrent multi-band connectivity, ensuring superior user experience.
- Dual uplink options: 10G fiber interface and 2.5G Ethernet port to maximize device performance.
- PoE++ (802.3bt) and DC power input support for simplified deployment flexibility.



| Specification | |
|-----------------|--|
| Work Frequency | 2.4GHz: 2.4GHz ~ 2.484GHz 5GHz: 5.150GHz ~ 5.850GHz 6GHz: 5.925GHz ~ 7.125GHz |
| WiFi Standard | 2.4GHz: 802.11 b /g /n / ax / be 5GHz: 802.11 a / n / ac / ax / be 6GHz: 802.11 a / n / ac / ax / be |
| Wireless Speed | 2.4GHz: 688Mbps 5GHz: 4323Mbps 5.8GHz: 5764Mbps |
| Device Capacity | 384 |
| Tx Power | 2.4GHz: <24±2dBm 5GHz: <23±2dBm 6GHz: <22±2dBm |
| Antenna | Built-in 360-degree omnidirectional antennas |
| Interface | 1× 10Gbps SFP+ fiber port 1× 10Gbps WAN port, supporting 802.3bt input 1×10/100/1000/2500Mbps LAN Port |
| Button | Reset button (Press and hold 6-10 seconds to restore factory defaults) |

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|-------------------|---|
| Status Indicator | WAN; LAN; WiFi; SFP; SYS |
| Power Supply | PoE 802.3bt, DC2.0 54V/1A |
| Power Consumption | <36W |
| Dimensions | 208mm×208mm×46mm |
| Net Weight | 0.55kg |
| Work Environment | Working: -10°C to 55°C Storage: -40°C to 70°C Humidity: 5% ~ 95% (Non-Condensing) |