

Dual-Band WiFi 7 Wireless Ceiling AP



DESCRIPTION

The NODEXON NX-AP5000M-C7 is a high-performance Wi-Fi 7 (802.11be) dual-band indoor ceiling-mounted access point designed to deliver fast, stable, and reliable wireless connectivity. It features a 2x2 configuration on the 2.4GHz band and 3x3 configuration on the 5GHz band, providing enhanced wireless performance for demanding indoor environments.

The AP delivers maximum speeds of up to 688Mbps on 2.4GHz and 4323Mbps on 5GHz, with an aggregate throughput of nearly 5000Mbps. Supporting up to 256 concurrent users, the NX-AP5000M-C7 is ideal for offices, hotels, schools, enterprises, commercial spaces, and other high-density indoor networking applications.

FEATURES & BENEFITS

- › WiFi 7 standard, 5011Mbps dual-band wireless rate
- › 2x2 (2.4GHz) + 3x3 (5GHz: 3SS) total 5 streams
- › Support seamless roaming, high-density deployment, 160MHz bandwidth, 256 devices
- › Support 4096-QAM+MLO+MRU+Preamble Puncture technology
- › 1x2.5G network port + 1xGigabit network port
- › Support PoE (802.3at) power supply and DC power supply, fat and thin in one
- › Support ceiling or wall mounting, simple and easy to operate
- › Support cloud platform/APP operation and maintenance, easy to maintain



5011Mbps



Wireless
Dual-Band



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform

Dual-Band WiFi 7
Wireless Ceiling AP



HARDWARE SPECIFICATION

MODEL	NX-AP5000M-C7
Work Frequency	2.4GHz: 2.4GHz ~ 2.484GHz 5GHz: 5.150GHz~5.850GHz
WiFi Standard	2.4GHz: 802.11 b /g /n / ax 5GHz: 802.11 a / n / ac / ax
Wireless Speed	2.4GHz provides a maximum access rate of 688Mbps, and 5GHz provides a maximum access rate of 4323Mbps
Device Capacity	256
Tx Power	2.4GHz: <24±2dBm 54GHz: <23±2dBm
Antenna	Built-in omnidirectional antennas
Interface	1×10/100/1000/2500Mbps WAN Port, Support 802.3at input 1×10/100/1000Mbps LAN Port
Reset Button	Reset button (Press and hold 6-10 seconds to restore factory defaults)
Status Indicator	Front-panel tri-color LED (red/green/blue)
Power Supply	DC2.0 12V / 2A, PoE 802.3at
Power Consumption	<20W
Dimensions	186mm×186mm×36.6mm
Work Environment	Working: -10°C to 45°C Storage: -40°C to 70°C Humidity: 5%~95% (Non-Condensing)

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-AP5000M-C7	NODEXON Dual-Band WiFi 7 Wireless Ceiling AP

Note:

*Unless TAA compliance is explicitly requested and confirmed per line item prior to order processing, standard commercial (non-TAA) equivalents or general inventory items may be supplied.

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