

Tri-band WiFi 7 Wireless Ceiling AP



DESCRIPTION

NODEXON NX-AP9000-C7 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor tri-band ceiling-mounted access point designed to deliver fast, stable, and reliable wireless connectivity. It provides wireless services across 2.4GHz, 5GHz, and 6GHz bands with a 6-stream radio configuration consisting of 2x2 on each frequency band.

The AP delivers maximum speeds of up to 688Mbps on 2.4GHz, 4323Mbps on 5GHz, and 5764Mbps on 6GHz, achieving aggregate throughput of nearly 11Gbps. Supporting up to 384 concurrent users, the NX-AP9000-C7 is ideal for high-density offices, hotels, schools, enterprises, commercial spaces, public venues, and other demanding indoor networking environments.

FEATURES & BENEFITS

- Wi-Fi 7 standard, 11Gbps tri-band wireless rate
- Qualcomm solution, high-density deployment, 320MHz bandwidth, 384 devices
- 2x2(2.4GHz)+2x2(5GHz)+2x2(6GHz), a total of 6 streams
- Support 4096-QAM+MLO+MRU+Preamble Puncture technology
- 1x10G (SFP+) port + 2x2.5G Ethernet port
- Support PoE (802.3bt) power supply and DC power supply, fat and thin in one
- Support ceiling or wall mounting, simple and easy to operate



3000Mbps



Wireless Dual-Band



Full Gigabit Ethernet Port



PoE/DC Power Supply



Fat & Skinny



Seamless Roaming



Commercial Cloud Platform



Tri-band WiFi 7
Wireless Ceiling AP



HARDWARE SPECIFICATION

MODEL	NX-AP9000-C7
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
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	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)

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-AP9000-C7	NODEXON Tri-Band 11G Wi-Fi 7 Ceiling-Mount 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.*

