

Dual-Band WiFi 7 Wireless Ceiling AP



DESCRIPTION

NODEXON NX-AP10G-C7 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor dual-band ceiling-mounted access point designed for demanding, high-density environments. It features an 8-stream radio configuration with 4x4 MIMO on 2.4GHz and 4x4 MIMO on 5GHz, delivering fast and reliable wireless connectivity.

The AP provides maximum wireless speeds of up to 1148Mbps on 2.4GHz and 8646Mbps on 5GHz, ensuring efficient data transmission and smooth network performance. Engineered to support up to 768 concurrent users, the NX-AP10G-C7 is ideal for offices, hotels, schools, public venues, enterprises, and other high-density indoor environments.

FEATURES & BENEFITS

- WiFi 7 standard, 9794Mbps dual-band wireless rate
- Qualcomm solution, high-density deployment, 240MHz bandwidth, 768 devices
- 4x4 (2.4GHz) + 4x4 (5GHz), a total of 8 streams
- Support 4096-QAM+MLO+MRU+Preamble Puncture technology
- 1x10G (SFP+) port + 110G Ethernet port + 1 2.5G 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



Dual-Band WiFi 7
Wireless Ceiling AP



HARDWARE SPECIFICATION

MODEL	NX-API10G-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 / be
Wireless Speed	2.4GHz: 1148Mbps 5GHz: 8646Mbps
Device Capacity	768
Tx Power	2.4GHz: <23±2dBm 5GHz: <22±2dBm
Antenna	Built-in 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	PoE802.3bt, DC2.0 54V/1A
Power Consumption	<28.6W
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-API10G-C7	NODEXON Tri-Band 10G 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.*

