

Tri-Band WiFi 7 Wireless Ceiling AP



DESCRIPTION

NODEXON NX-API3G-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 in high-density environments. It provides wireless services across 2.4GHz, 5.1GHz, and 5.8GHz bands with a powerful 12-stream radio configuration, consisting of 4x4 on each frequency band.

The AP delivers maximum speeds of up to 1376Mbps on 2.4GHz, 5764Mbps on 5.1GHz, and 5764Mbps on 5.8GHz, achieving an impressive aggregate throughput of nearly 13Gbps. With validated support for up to 1536 concurrent users, the NX-API3G-C7 is ideal for large offices, hotels, universities, public venues, enterprises, conference centers, and other high-density indoor networking environments.

FEATURES & BENEFITS

- WiFi 7 standard, 12904Mbps tri-band wireless rate
- Qualcomm solution, high-density deployment, 160MHz bandwidth, 1536 devices
- 4x4 (2.4GHz) + 4x4 (5.1GHz) + 4x4 (5.8GHz), a total of 12 streams
- Support 4096-QAM+MLO+MRU+Preamble Puncture technology
- 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
- Support cloud platform/APP operation and maintenance, easy to maintain



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-API3G-C7
Work Frequency	2.4GHz: 2.4GHz ~ 2.484GHz 5GHz: 5.150GHz~5.850GHz
WiFi Standard	2.4GHz: 802.11 b /g /n / ax / be 5GHz: 802.11 a / n / ac / ax / be
Wireless Speed	2.4GHz: 1376Mbps 5.1GHz: 5764Mbps 5.8GHz: 5764Mbps
Device Capacity	1536
Tx Power	2.4GHz: <24±2dBm 5GHz: <23±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 1× USB 2.0
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	<40W
Dimensions	220mm×220mm×42mm
Net Weight	1.38kg
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-API3G-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.*

