

Tri-Band WiFi 7 Wireless Ceiling AP



DESCRIPTION

NODEXON NX-AP19G-C7 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor tri-band ceiling-mounted access point designed to provide fast, stable, and reliable wireless connectivity in high-density environments. It supports 2.4GHz, 5GHz, and 6GHz frequency bands with a powerful 12-stream radio configuration, consisting of 4x4 on each band.

The AP delivers maximum speeds of up to 1376Mbps on 2.4GHz, 8646Mbps on 5GHz, and 8646Mbps on 6GHz, providing exceptional wireless performance and high-speed data transmission. With validated support for up to 1536 concurrent users, the NX-AP19G-C7 is ideal for large offices, hotels, universities, conference centers, public venues, enterprises, and other high-density indoor networking environments.

FEATURES & BENEFITS

- › Wi-Fi 7 standard, 18668Mbps tri-band wireless rate
- › Qualcomm A, high-density deployment, 320MHz bandwidth, 1536 devices
- › 4x4 (2.4GHz) + 4x4 (5GHz) + 4x4 (6GHz), a total of 12 streams
- › Support 4096-QAM+MLO+MRU+Preamble Puncture technology
- › 1x10G (SFP+) port + 110G Ethernet port + 1 2.5G Ethernet port + 1 USB 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-AP19G-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: 1376Mbps 5GHz: 8646Mbps 6GHz: 8646Mbps
Device Capacity	1536
Tx Power	2.4GHz: <24±2dBm 5GHz: <23±2dBm 6GHz: 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-AP19G-C7	NODEXON Tri-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.*

