

Dual-Band WiFi 6 Ceiling AP



DESCRIPTION

The NODEXON NX-AP3600-C6 is a high-performance outdoor wireless access point featuring advanced Wi-Fi 6 (802.11ax) technology. With dual-band concurrent speeds of up to 3550Mbps, it provides fast, stable, and efficient wireless connectivity for high-demand network environments.

Designed for reliable outdoor deployment, the IP67 waterproof enclosure provides strong protection against water and dust. Powered by a robust Qualcomm quad-core processor, the NX-AP3600-C6 delivers dependable performance in high-density public areas, industrial environments, and other demanding wireless networking applications.

FEATURES & BENEFITS

- WiFi 6 standard, 3550Mbps dual-band wireless rate
- Commercial-grade Qualcomm solution, high-density deployment, 256 devices
- 4×4 (2.4GHz)+4×4 (5GHz) total 8 streams
- Provides 2×2.5G network ports
- Support standard PoE 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



3550Mbps



Wireless
Dual-Band



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform



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HARDWARE SPECIFICATION

MODEL	NX-AP3600-C6
Frequency Band	2.4GHz: 2.4GHz ~ 2.484GHz 5GHz: 5.150GHz ~ 5.850GHz
WIFI Standard	2.4GHz : 802.11b/g/n/ax 5GHz : 802.11a/n/ac/ ax
Wireless Rate	2.4GHz provides a maximum access rate of 1148Mbps, and 5GHz provides a maximum access rate of 2402Mbps
Device Capacity	256
Tx Power	2.4GHz: <18±2dBm 54GHz: <17±2dBm
Interface	1×10/100/1000/2500Mbps adaptive WAN port, support PoE 48V power supply 1×10/100/1000/2500Mbps adaptive LAN port
Antenna	Built-in omnidirectional antenna
Button	Reset button (Press and hold 6-10 seconds to restore factory defaults)
Status Indicator	WAN port light, LAN port light, three-color light (three different colors represent: SYS-red, 2.4G-green, 5.8G-blue)
Power Supply	DC2.0 12V/ 2A, PoE 802.3at
Power Consumption	< 22W
Dimensions	198mm×198mm×41.02mm
Net Weight	0.96kg
Work Environment	Operating temperature: -20°C to 55°C Storage temperature: -40°C to 70°C Humidity: 5% to 95% (no condensation)

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-AP3600-C6	NODEXON Dual-Band WiFi 6 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.

CONNECT WITH US

USA

☎ +1 (877) 677-4040
✉ info@microlinknet.com
📍 1178 Broadway, 3rd Floor, Suite 318B, New York, NY 10001

EUROPE

☎ +44 7466717286
✉ uk@microlinknet.com
📍 Fairbourne Drive, Atterbury, Buckinghamshire, UK

MIDDLE EAST

☎ +971 44 558570
✉ mena@microlinknet.com
📍 Boulevard Plaza Tower One, Level 3, Downtown Dubai, UAE