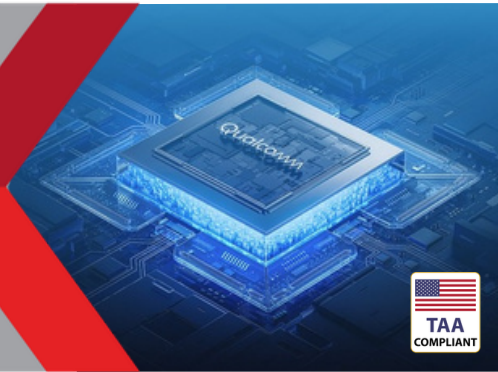


## WiFi 7 Full-Optical Ceiling AP



### DESCRIPTION

The NODEXON NX-AP3600PF-C7 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor dual-band ceiling-mounted access point designed to deliver fast and reliable wireless connectivity. It provides wireless services on 2.4GHz with speeds up to 688Mbps and 5.8GHz with speeds up to 2882Mbps, ensuring efficient data transmission for demanding indoor environments.

Supporting PoF power supply and OLT access, the AP offers flexible deployment options for modern network infrastructures. Its 2.5GE SC uplink interface enables fiber connectivity for transmission distances beyond 100 meters, making it ideal for offices, hotels, enterprises, commercial spaces, and other high-performance indoor networking applications.

### FEATURES & BENEFITS

- › WiFi 7 standard, 3570Mbps dual-band wireless rate
- › 2×2 (2.4GHz) + 2×2 (5GHz) total 4 streams
- › 1×2.5G (SC) optical port + 4×Gigabit network ports (LAN1 supports PoE external power supply)
- › Supports three power supply modes: Hybrid Optical Fiber Cable PoF 48VC, DC2.0 12V/2A, DC (2-pin terminal) 48V
- › Support seamless roaming, high-density deployment, and 128 devices
- › 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



## WiFi 7 Full-Optical Ceiling AP



### HARDWARE SPECIFICATION

| MODEL             | NX-AP3600PF-C7                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI Protocol     | 802.11 b/ g/n/a/ac/ax/be                                                                                                                                                                                                                                                                                                                                                                                                       |
| Maximum Speed     | 2.4GHz Max. access rate:688Mbps, 5GHz Max. access rate:2882Mbps                                                                                                                                                                                                                                                                                                                                                                |
| Frequency Band    | 2.4GHz ~ 2.484GHz, 5.150GHz~5.850GHz                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.4GHz Antenna    | Built-in 2 × 2.4G antennas, gain: 4dBi                                                                                                                                                                                                                                                                                                                                                                                         |
| 5GHz Antenna      | Built-in 2 × 5G antennas, gain: 4dBi                                                                                                                                                                                                                                                                                                                                                                                           |
| Device Capacity   | 128                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2.4GHz Tx Power   | <26±2dBm                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5GHz Tx Power     | <23±2dBm                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Interface (WAN)   | 1 × GPON Fiber port (SC), Supports remote 48V power supply via PoF hybrid fiber optic cable                                                                                                                                                                                                                                                                                                                                    |
| Interface (LAN)   | 4/10/100/1000Mbps Adaptive Ethernet interface, With LAN1 supporting IEEE 802.3af standard PoE power output.                                                                                                                                                                                                                                                                                                                    |
| USB Interface     | 1 × USB2.0                                                                                                                                                                                                                                                                                                                                                                                                                     |
| External Button   | Reset Button (hold 6-10 seconds to restore factory defaults)                                                                                                                                                                                                                                                                                                                                                                   |
| LED               | Red-Green-Blue Three-Color Indicator Light:<br>Power On: Lights red when powered on. The red light turns off and the green light turns steady on immediately after the system boots up and any WiFi is enabled.<br>Thin AP Mode (Disconnected from AC): Both the red and green lights turn off. The blue light remains steady on.<br>AP Locator Function Active: Both the red and green lights turn off. The blue light blinks |
| Power supply      | 1. Hybrid Optical Fiber Cable PoF 48V<br>2. DC2.0 12V/2A<br>3. DC (2-pin terminal) 48V                                                                                                                                                                                                                                                                                                                                         |
| Power Consumption | <15W                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions        | 190mm × 190mm × 50mm                                                                                                                                                                                                                                                                                                                                                                                                           |
| Net Weight        | 0.55kg                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Work Environment  | Working:-10°C to 55°C<br>Storage: -40°C to 70°C<br>Humidity: 5%~95% (Non-Condensing)                                                                                                                                                                                                                                                                                                                                           |

### ORDER INFORMATION

| PART NUMBER    | DESCRIPTION                            |
|----------------|----------------------------------------|
| NX-AP3600PF-C7 | NODEXON WiFi 7 Full-Optical 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.