

Indoor Access Point Switch NX-AP6680-C5



OVERVIEW

For wireless coverage, the NX-AP6680-C5 is designed for high-performance, high-capacity wireless access points. WIFI coverage in medium and big hotels, big and medium-sized hotels, pubs, cafés, and other locations is possible. The NX-AP6680-C5 can simultaneously operate in the 2.4GHz and 5G bands, with a wireless rate of up to 1200Mbps. The package includes four high-gain omnidirectional antennas that provide excellent WIFI signal penetration and coverage with no dead angle. The device has a huge memory of 128M and can handle MU MIMO with up to 120 client connections.

The equipment features an aesthetically attractive ceiling-mounted design with built-in ceiling mount fittings that may be fixed directly to the wall and ceiling. Standard PoE (802.3af/at) power supply is supported, and networking is simple and quick.

FEATURES HIGHLIGHTS

- With a maximum wireless speed of 1200Mbps, 11AC dual-band concurrency is available.
- The wireless transmit power may be adjusted in a linear fashion to change signal coverage as needed.
- Two-way power supply via 802.3af/at standard PoE network connection + DC power supply
- Hardware watchdog design is supported, and AP crashes are automatically recovered.
- Supports enterprise office standby for 120 people to connect at the same time
- Support for SSID VLAN, 16 SSIDs, and Chinese SSIDs
- AC centralized management supported.
- Gigabit WLAN Port + Gigabit LAN Port



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PRODUCT FEATURES

Extremely smooth, Gigabit WLAN plus Gigabit LAN

The NX-AP6680-C5 from Nodexon offers a complete Gigabit and dual network port design, as well as Gigabit WLAN and Gigabit LAN, 2.4GHz and 5GHz concurrent, and wireless speeds up to 1200Mbps.

Suitability for high-density environments, integrating multiple black technologies, easy to support 120 people's device

The NX-AP6680-C5 from Nodexon features a strong Qualcomm main chip, 128MB of big operating memory, and a slew of black technologies including 5G priority, weak signal kick-off, VMM parameter optimization, intelligent flow control, and so on. The NX-AP6680-C5 can satisfy the access and smooth functioning of 120 terminal devices, according to data from the Nodexon Test Center.

Stable Anti-interference, Optimal Coverage Quality

The best channel for the area where the AP is located may be automatically picked, eliminating co-channel interference and guaranteeing wireless reliability. With twin independent PAs and separate LNAs, it's possible to manually change the transmit power based on the coverage environment's range. Linear power may be adjusted.

Double Stability Guarantee, Watchdog With Timed Restart

When the AP functions abnormally, an independent hardware protection circuit can immediately restart it, saving maintenance effort and costs. To enhance network stability, restart and clear up network spam and zombie clients on a regular basis.

Help Fans Marketing, Support Chinese SSID

Support for creating Chinese network names with up to 8 Chinese characters for simple identification, which is beneficial to businesses and corporate fans. Various SSIDs can be assigned to users with different levels of access. To accomplish wireless wired integration separation, support multiple SSID and Tag VLAN binding.

Save Project Costs, Flexible And Easy To install

Optional standard PoE or DC power supply, which significantly reduces construction time, simplifies maintenance, and saves money. The NX-AP6680-C5 may be placed on the ceiling or on the wall, giving you the flexibility to pick what works best for you.



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-AP6680-C5
Working Frequency Band	2.4GHz - 5GHz
Wireless Rate	1200Mbps
Installation Method	Ceiling/wall mounting
Size	189mm*189mm*38mm
Port	2*10/100/1000M RJ45 Ports - 1*DC Port
Maximum machine power consumption	9W
Button	One Reset Button
Antenna	Built-in Antenna
Power supply	802.3af Standard PoE power supply 12VDC power supply (without power adapter)
Indicator	1 *System indicator - 1 *2.4G indicator - 1*5G indicator
Service indicator	Turnable indicator
Management	Wireless Controller (AC) unified management - Independent web page tube, Telnet
SSID Quantity	16
SSID VLAN	Support
Chinese SSID	Support
Wireless Function	SSID Broadcast: Support - Wireless encryption : WPA、WPA2、WPA-PSK、WPA2-PSK User isolation: isolation between wireless networks, internal isolation of APs Wireless MAC address filtering: Support - Wireless client limit: support Eliminate weak signal devices and prohibit weak signal devices from accessing: support
System Management	Equipment Management: All Chinese WEB Management - System log: support - Factory reset: support Backup configuration: support - Import configuration: support - Software upgrade: support Watchdog: Support
Use environment	Operating temperature : 0°C~40°C - Working humidity: 10%~90%RH without condensation Storage temperature : -40°C~70°C - Storage humidity: 5%~90%RH without condensation

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