

Indoor Access Point Switch NX-AP6650-C5



OVERVIEW

For wireless coverage, the NX-AP6650-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-AP6650-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 maximum of 120 client connections and 128M of big memory.

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.
- Support the rejection of weak signals and the blocking of weak signal device access.
- Support for SSID VLAN, 16 SSIDs, and Chinese SSIDs
- AC centralized management supported.
- Up to 4 SSIDs Supported



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PRODUCT FEATURES

Save Project Costs And Install Flexible And Convenient

It is possible to choose between a standard PoE power supply and a DC power supply, substantially reducing the building time, making maintenance easier, and saving money. A single AP requires only one network connection and no external power source with standard PoE power supply. Supports 12V power supplies, which eliminates the need for switches and lowers networking expenses.

Dual-band Concurrent, Wireless Speed Up To 1200mbps

The 2.4GHz frequency band offers better signal compatibility and transmission distance, whereas the 5GHz frequency band signal is cleaner and less prone to interference. To fulfill the demands of crowd-intensive situations, provide signal protection for more wireless client terminals accessing.

Stable Anti-interference, Optimal Coverage Quality

The appropriate channel may be automatically selected based on the area in which the AP is placed, avoiding co-channel interference and ensuring wireless stability, resulting in improved overall wireless network performance.

Power Linearly Adjustable To Reduce Mutual Interference Between Aps

Manually change the transmit power based on the size of the coverage environment using dual independent PA+independent LNA. In a densely populated area, a suitable number of APs must be installed to optimize the on-site client's access, resulting in AP interference, lowering transmit power, preventing mutual interference, and attaining wireless stability.

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.

High-end Hardware, Multiple Black Technologies

With a strong Qualcomm main control chip and a big 128MB operating memory, the device features 5G priority, weak signal T division, VMM parameter optimization, intelligent flow control, and a variety of other black technologies.

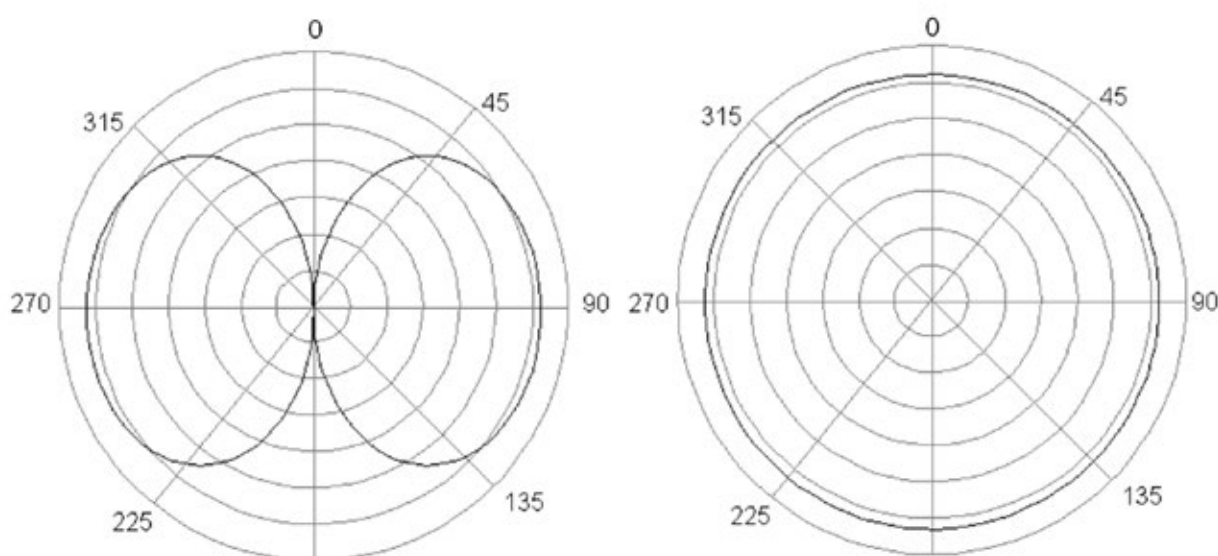


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High-gain Omnidirectional Antenna With No Dead Angle

The package includes four high-gain omnidirectional antennas that provide excellent WIFI signal penetration and coverage with no dead angle.



Omnidirectional Antenna Gain



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NX-AP6650-C5
Working Frequency Band	2.4GHz - 5GHz
Wireless Rate	1200Mbps
Installation Method	Ceiling/wall mounting
Size	189mm*189mm*38mm
Port	2*10/100M RJ45 Ports, 2*10/100M RJ45 Ports
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℃~40℃ - Working humidity: 10%~90%RH without condensation Storage temperature : -40℃~70℃ - Storage humidity: 5%~90%RH without condensation

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