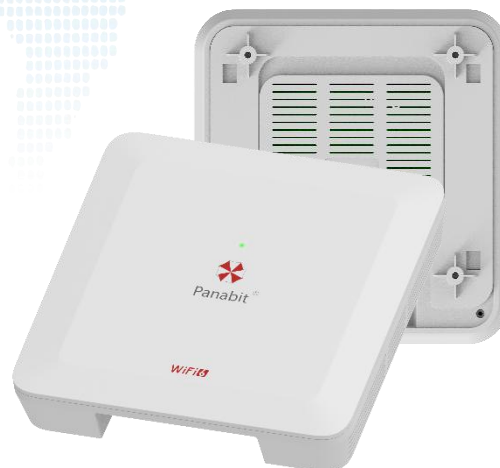# PAP-X3380 Wi-Fi 6 Wireless AP

Product Specification

▎ Product Overview：

PAP-X3380 is a next-generation high-performance, high-speed, indoor ceiling-mounted dual-band wireless access point with Wi-Fi 6 support, independently developed by Panabit . It features the latest enterprise-grade chipset, providing simultaneous 2.4G and 5G Wi-Fi 6 services, with a total wireless speed of 2974Mbps, delivering an exceptional wireless experience for users.

▎ Product Features：

🚀 1024-QAM High-Speed Wireless

Supports 802.11ax standard with up to 574 Mbps on 2.4GHz and 1.2 Gbps on 5GHz, powered by a high-performance CPU and ample memory for smooth, high-speed connectivity.

High-Density User Access

Equipped with 802.11ax features like OFDMA, BSS Coloring, spatial reuse, and DL/UL MIMO to reduce latency and improve network efficiency, ideal for environments with many connected users.

Controller-Free Networking

With the Panabit Smart Application Gateway, no additional wireless controller (AC) is needed, lowering costs and minimizing potential failure points, for a streamlined network.

Zero-Config Plug-and-Play

Supports out-of-the-box plug-and-play with zero configuration—just power up to connect to the network. Allows flexible switching between fat and thin modes without rebooting.

SD-WAN Networking

Supports Panabit's proprietary SD-WAN tunneling and traffic diversion, enabling cost-effective SD-WAN and standard network services.

Remote Unified Management

Allows unified management via the Panabit gateway with multiple remote options, including private/public clouds and mobile apps, greatly boosting network management efficiency.

Specification：

RF Design	Dual-path dual RF (2.4G, 5G)
2.4G Frequency Band	2.4GHz – 2.484GHz
2.4G Wi-Fi Protocol	802.11 b/g/n/ax
5G Frequency Band	5.150GHz – 5.850GHz
5G Wi-Fi Protocol	802.11 a/n/ac/ax
Spatial Streams	2.4G: 2 spatial streams, 2x2 MIMO 5G: 2 spatial streams, 2x2 MIMO
Antenna Type	Built-in antenna (basic gain 2dBi)
Transmission Speed	2.4G: 574Mbps，5G：2400Mbps，Total: 2974Mbps
Wired Ports	3 x 10/100 Base-T Ethernet ports (uplink supports PoE input)
WLAN Features	Supports up to 16 SSIDs Each SSID can be configured with individual VLAN attributes Supports SSID names in both Chinese and English, with independent encryption settings and hiding options Support wireless roaming Supports OPEN and WPA2-PSK encryption
Max Wireless Access	512
Network Management	Unified management via Panabit Smart Application Gateway, supports private and public cloud management
Power Supply	PoE (48V), compatible with 802.3at Provides DC power adapter interface, supports local DC power supply (12V 1.5A)
Reset Button	Supported (short press to restart, long press for 3 seconds to restore factory settings)
Status Indicators	Supported
Max Power Consumption	< 15W
Dimensions	220mm*220mm*40mm
Protection Rating	IP41
Environmental	Operating Temperature: -10ºC to 45ºC Operating Humidity：5% to 95% RH (non-condensing)

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