

APH6-AX3000D Product Specifications

Product Overview

YUNCORE® APH6-AX3000D is a high-performance dual-band 802.11AX product that can provide 2.4GHz and 5GHz dual-band wireless services. The 2.4GHz band provides a maximum access rate of 574Mbps, and the 5GHz band provides a maximum access rate of 2402Mbps.

Product Features

- The use of high-performance chips has greatly expanded the user capacity and can support up to 128 users.
- The radio frequency adopts high-power FEM, which has stable performance, wide wireless range and longer transmission distance.
- The built-in lightning protection design greatly enhances the protection capability of the equipment.
- Plastic cover + metal bottom cover design, protection grade IP67.



Specifications	
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz (802.11b/g/n/ax)
5GHz Frequency Band	5.150GHz ~ 5.850GHz(802.11a/n/ac/ax)
Antenna	2.4GHz/5GHz directional antenna, 2.4GHz gain: 10dBi; 5GHz gain: 12dBi
Wireless Speed	2.4GHz provides a maximum access rate of 574Mbps, and 5GHz provides a maximum access rate of 2402Mbps
Device Capacity	128
2.4GHz Tx Power	<26±2dBm
5GHz Tx Power	<25±2dBm
Interface	1 10/100/1000Mbps SFP optical port 1 10/100/1000Mbps adaptive WAN port, support PoE 48V input 1 10/100/1000Mbps adaptive LAN port

Button	reset button(Press and hold for 6-10 seconds to restore to factory default settings)
Status indicator	<p>Silk-screen PWR: Power indicator light (green, always on when powered on; off when not powered on)</p> <p>Silk-screen SFP: Gigabit optical port indicator (green, off when not connected, always on when connected, flashing when data is sent or received)</p> <p>Silkscreen WAN: Gigabit WAN port indicator (green, off when not connected, always on when connected, flashing when sending or receiving data)</p> <p>Silkscreen LAN: Gigabit LAN port indicator (green, off when not connected, always on when connected, flashing when sending or receiving data)</p> <p>Silkscreen 5G: 5GHz status (green, 5GHz WiFi is on, always on, data is sent and received, flashing, WiFi is off, off)</p> <p>Silkscreen 2.4G: 2.4GHz status (green, 2.4GHz WiFi is on, always on, data is sent and received, flashing, WiFi is off, off)</p>
Power Supply	PoE 802.3at, DC2.0 12V/2A
Power Consumption	<18W
Dimensions	243.2mm × 218.3mm × 64.1mm
Net Weight	1.825kg
Work Environment	<p>Normal operating temperature: -40°C to 70°C</p> <p>Storage temperature: -40°C to 70°C</p> <p>Humidity: 5% to 95% (no condensation)</p>
Protection Level	IP67

Software Features	
Front Page	<p>Working mode: Fat AP mode and Thin AP mode</p> <p>Wireless AP download rate, wireless AP upload rate, running time</p> <p>Device information, device description, intranet information, WIFI information</p>
Support Mode	<p>Gateway mode: The device is connected to the WAN through the WAN port and then accesses the Internet using static IP, DHCP or PPPoE</p> <p>AP mode: The device covers other clients and devices with wireless network signals and uses Ethernet to connect to other routers to access the WAN.</p>

Wireless Capabilities	<p>SSID Broadcast</p> <p>Number of SSIDs: 4 (2.4GHz) + 4 (5GHz), support Chinese SSID</p> <p>Hide SSID function</p> <p>Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-AES</p> <p>Wireless MAC address filtering: support whitelist</p> <p>WiFi timer off function</p> <p>User isolation: isolation between wireless networks and isolation within APs</p> <p>Transmit power setting</p> <p>Wireless client number limit</p> <p>QoS: WMM</p>
Network Features	<p>Connection method: static address, obtained from the management server, obtained from the gateway</p> <p>DHCP server: It can be a built-in DHCP server or an external DHCP server</p> <p>Cloud Platform Server</p> <p>Firewall function</p> <p>PPPoE function: Support PPPoE dial-up function</p>
Device Management	<p>Backing up configuration information</p> <p>Restore configuration information</p> <p>Restore factory settings</p> <p>Restart includes scheduled restart and immediate restart</p> <p>Firmware Upgrade</p> <p>Time management includes system display time and time synchronization</p> <p>System log</p> <p>Fat and thin AP switching function</p>