

# Pro-7-Lite

BE3600 Dual-Band WiFi7 Ceiling Access Point

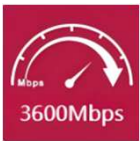


- BE3600 dual-band Wi-Fi 7
- 2.5Gbps Ethernet port
- 802.11k/v/r roaming
- Power input with 802.3at PoE
- ProFi APP and cloud management

## Overview

Pro-7-Lite is a dual-band Wi-Fi 7 Ceiling Access Point that can work in both 2.4 GHz and 5 GHz bands, with a wireless access rate of up to 3600Mbps. With the adoption of Wi-Fi7's unique MLO technology and 2.5Gbps Ethernet port, the wired transmission rate is greatly improved to meet the needs of multi-device interconnection. It supports management via IP-COM ProFi APP and cloud platform, allowing you to manage the devices remotely in any location.

## Features



### Faster Internet access with Wi-Fi 7 3600Mbps

Adopt of Wi-Fi 7 technology, it delivers 2882Mbps at 5GHz radio and 688Mbps at 2.4GHz radio. Paired with 2.5Gbps Ethernet port design, the maximum throughput can be up to 2000Mbps.



### Better signal connection with 802.11K/V/R roaming

When multiple APs are deployed in an area for Wi-Fi coverage, smart phones, laptop, pads etc. mobil devices will always connect to the AP with better signal quality automatically during the user's movement. The video call, online game etc. application will keep to work fluently without any constraints.



### Easy to Deploy with PoE 802.3at power supply

Compliant with PoE 802.3at standard, It is powered by PoE (Power over Ethernet), using a single Ethernet cable to transmit both power and data, simplifying installation and making it ideal for locations without a nearby power source.



### WiFi optimization to improve overall performance

When the working channels of adjacent APs have overlapping frequency bands, excessive power of one AP can cause signal interference to adjacent APs. Through the wireless optimization function of IP-COM AC controller/router, the channel and power of APs can be automatically planned, intelligently reducing signal interference between APs and ensuring high-speed operation of wireless networks.



### Unified management by ProFi APP and cloud platform

Unified management by ProFi APP and cloud platform, the network administrator can configure, manage, monitor and maintenance all the device remotely at any time and any location. You can grasp the overall network status easily.

# Specifications

## Product Information

Model	Pro-7-Lite
Installation	Ceiling Mount or Wall Mount
Dimension	Φ176*43.5 mm

## Hardware Specifications

WiFi Standard	Wi-Fi 7
WiFi Protocol	IEEE 802.11b/g/n/ac/ax/be
Frequency Range	2.4GHz&5GHz
Maximum wireless speed	2.4GHz: 688Mbps 5GHz: 2882Mbps
Bandwidth	20MHz/40MHz/80MHz/160MHz
Antenna	2.4GHz 2*4dBi 5GHz 3*4dBi
Interface	1*100/1000/2500 Mbps Ethernet Port (PoE)
Button	1*Reset
LED indicator	1*SYS
Maximum Power Consumption	13.4W
Power Supply	PoE 802.3at
Max. Number of Clients	256
Recommended Clients	60
2.4GHz maximum outpower	24dBm
5GHz maximum outpower	24dBm
Reception Sensitivity	2.4GHz 11b 1Mbps -95dBm 2.4GHz 11n HT20 MCS7 -75dBm 2.4GHz 11ax HE20 MCS7 -65dBm 2.4GHz 11Be EHT40 MCS13 -56dBm 5GHz 11a 6Mbps -93dBm 5GHz 11n HT40M MCS7 -72dBm 5GHz 11ax HE160M MCS11 -55dBm 5GHz 11be ETH160M MCS13 -52dBm
Management Address	http://ipcwifi.com or 10.16.16.169
Operation Temperature	-10°C ~ 45°C
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30°C ~ 70°C
Storage Humidity	5%~90% non-condensing

## Software Specifications

Operating Mode	AP/Client+AP
Max. No. of SSID	2.4GHz: 8 5GHz: 4
Hide SSID	Supported
OFDMA	Supported
Beamforming	Supported
Fast roaming (802.11k/v/r)	Supported
MLO	Supported
WPA-PSK	Supported
WPA2-PSK	Supported
WPA	Supported
WPA2	Supported
WPA3-SAE	Supported
Access control	Supported
Adjustable power transmit	Supported
Automatic channel	Supported
AP isolation	Supported
Guest network	Supported
Connected clients control	Supported
RSSI Threshold	Supported
Weak signal terminal elimination	Supported
Prioritize 5 GHz	Supported
VLAN tagging for SSID	Supported
LED control	Supported
MU-MIMO	Supported
Diagnostics tool	Supported
Reboot at specified interval	Supported
Scheduled reboot	Supported
Device management	Web, Router, ProFi APP, AP Controller
System logs	Supported
Firmware upgrade	Supported
Reset	Supported
Backup configuration	Supported
Restore configuration	Supported