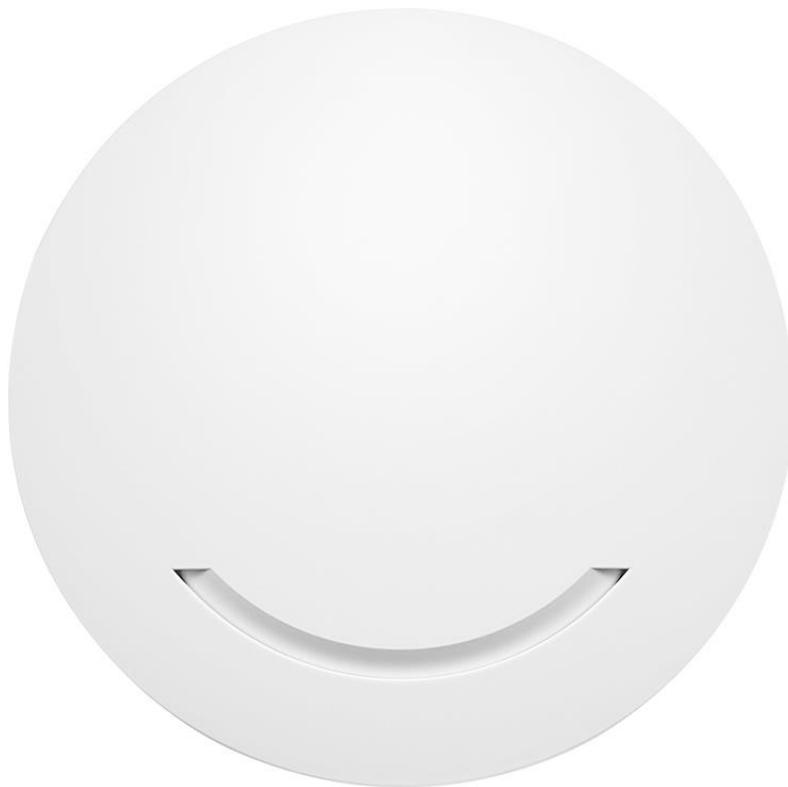


# ComFi BL24

**Dual Band Indoor Wireless AP**

## Product Specifications



- 1200Mbps Dual Band Wi-Fi5 Indoor Access Point
- 2.4GHz and 5GHz 802.11AC Wave2 Technology
- Two Fast Ethernet Network Port
- Standard PoE Power Supply / DC Supply (Optional)
- FIT and FAT AP Mode, Adjustable TX Power, 60+ users

## Product Description

ComFi BL24 is an Indoor Dual Band Wi-Fi5 802.11AC Wireless Access Point which suitable for indoor environment use that require high speed performance wireless coverage such as commercial office building, school, hospital, hotel, etc. ComFi BL24 supports 2x2 802.11ac Wave2 MIMO, and the maximum concurrent connection rate (Dual band) can reach up to 1200Mbps, which can build a stable and high speed wireless network for users.

ComFi BL24 has high performance wireless characteristics that can get a larger wireless coverage area and better wall penetration performance. ComFi BL24 support wireless access up to hundreds of wireless terminals, and meet the wireless application of high density wireless terminals.

ComFi BL24 has also good compatibility and supports the access of most wireless terminals on the market. Users can use mobile phones, tablets or laptops to easily connect.

ComFi BL24 supports integrated with OpenWrt development platform. For teams with software development capabilities but lack of hardware platforms, ComFi BL24 is a very good choice if they want to develop their own wireless 11ac MIMO AP. Users can quickly and easily develop upper-layer applications according to specific needs to create their own unique wireless AP products.

ComFi BL24 supports standard 48V PoE power supply and ceiling installation. The installation and configuration are flexible and convenient. Users only need to spend a short time to do and complete the settings then can enjoy the fun of surfing the Internet.

## Product Features

- Support ceiling or wall mounting method indoor use.
- Support 2.4GHz 2x2 Wi-Fi (802.11b/g/n), up to 300Mbps data speed rate.
- Support 5GHz 2x2 Wi-Fi (802.11a/n/ac), up to 867Mbps data speed rate.
- 2 x RJ45 Fast Ethernet Port and WAN Port support 802.af PoE (PD)
- Support two power input methods Standard 48V PoE and DC 12V.
- Elegant Design Casing, Hidden Wire Installation.

## Hardware Specifications

Model	BL24
Dimension	188mm x 33mm (D x H)
Installation	Wall / Ceiling Mountable Installation
LED Indicators	SYS, 2.4Ghz WIFI, 5GHz WIFI, LAN, WAN
Interfaces	1 x 10/100Mbps Uplink RJ45 Port, Auto Adaptive, MDI/X, Support 802.3af Power Supply 1 x 10/100Mbps RJ45 LAN RJ45 Port, Auto Adaptive, MDI/X 1 x Factory Reset Button (Long press 6-10sec to activate reset to default factory settings)
PoE	48V / 0.5A
DC	12V / 1A
ESD	±6KV
Power Consumption	< 10W
<b>Environment</b>	
Operating Temperature	-20°C to +55°C
Storage Temperature	-30°C to +70°C
Operating Humidity	5% - 95% (non-condensing)
Air Pressure	86kPa ~ 106kPa Altitude
IP Rating	IP20
<b>Stability</b>	
Annual Failure Rate	AFR < 1.5% (Continuous Operation Status)
<b>Chipset Solution</b>	
CPU	MediaTek MT7628DAN + MT7613BEN
Flash	8MB SPI NOR Flash
RAM	64MB DDR2 Memory
<b>Wi-Fi Characteristics</b>	
Wi-Fi Standard	IEEE 802.11a/b/g/n/ac
Working Frequency	2.4GHz Radio: 2.4GHz ~ 2.4835GHz
	5GHz Radio: 5.150GHz~5.850GHz

Max. Tx Power	2.4GHz @ < 22dBm 5GHz @ < 21dBm
Max. Data Rate (2.4GHz)	300Mbps
Max. Data Rate (5GHz)	867Mbps
Max. WiFi Connection	60+
2.4GHz Antenna	2 x Omni-directional Antenna, 2-3dBi
5GHz Antenna	2 x Omni-directional Antenna, 2-3DBi

## Product Views



## Order Information

Product Model	Product Description
ComFi BL24	Complete Product Unit including 1 x 48V PoE Power Supply (Optional) / 12VDC Power Adapter (Optional) 1 x Mounting Panel 1 x Network Cable 1 x User Manual (Optional) 4 x Mounting Screws

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