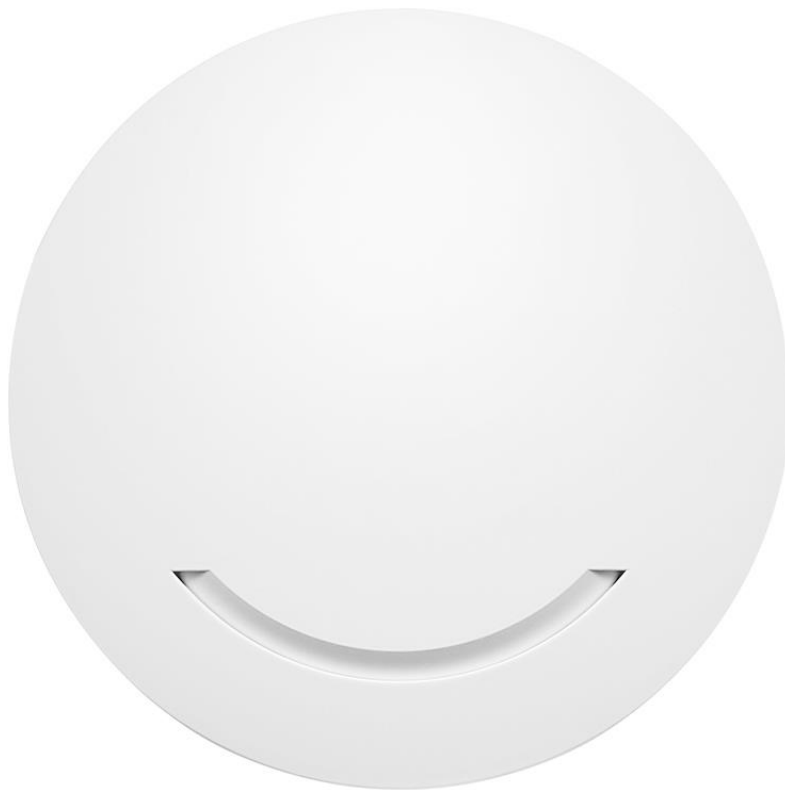


ComFi BL20

2.4GHz Indoor Wireless AP

Product Specifications



- 300Mbps Indoor Access Point
- 802.11n 2.4GHz Standard Technology
- Two Fast Ethernet Network Port
- Standard PoE Power Supply / DC Supply (Optional)
- FIT and FAT AP Mode, Adjustable TX Power, 35+ users

Product Description

ComFi BL20 is an Indoor 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 BL20 supports 2.4 GHz WI-Fi and the maximum connection rate can reach up to 300Mbps, which can build a stable and high speed wireless network for normal users.

ComFi BL20 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 BL20 supports integrated with OpenWrt development platform. For teams with software development capabilities but lack of hardware platforms, ComFi BL20 is a very good choice if they want to develop their own 2.4GHz wireless AP. Users can quickly and easily develop upper-layer applications according to specific needs to create their own unique wireless AP products.

ComFi BL20 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

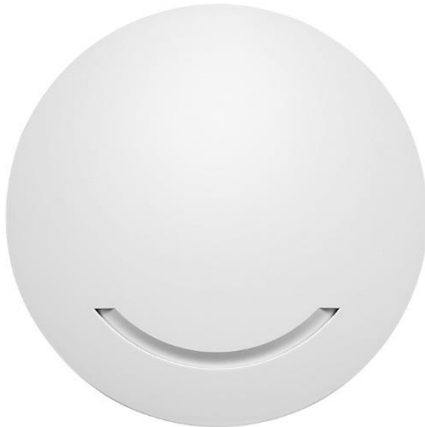
- Support ceiling or wall mounting method indoor use.
- Support 2.4GHz 2x2 Wi-Fi (802.11b/g/n), up to 300Mbps data speed rate.
- 2 x RJ45 Fast Ethernet Port and WAN Port support 802.af PoE (PD)
- Support two power input methods Standard 48V PoE and DC 12V.
- Elegant Design Casing, Hidden Wire Installation.

Hardware Specifications

Model	BL20
Dimension	188mm x 33mm (D x H)
Installation	Wall / Ceiling Mountable Installation

LED Indicators	SYS, 2.4Ghz 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
Environment	
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
Stability	
Annual Failure Rate	AFR < 1.5% (Continuous Operation Status)
Chipset Solution	
CPU	MediaTek MT7628DAN
Flash	8MB SPI NOR Flash
RAM	64MB DDR2 Memory
Wi-Fi Characteristics	
Wi-Fi Standard	IEEE 802.11b/g/n
Working Frequency	2.4GHz Radio: 2.4GHz ~ 2.4835GHz
Max. Tx Power	2.4GHz @ < 22dBm
Max. Data Rate (2.4GHz)	300Mbps
Max. WiFi Connection	35+
2.4GHz Antenna	2 x Omni-directional Antenna, 2-3dBi

Product Views



Order Information

Product Model	Product Description
ComFi BL20	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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