Access Point Development Kit
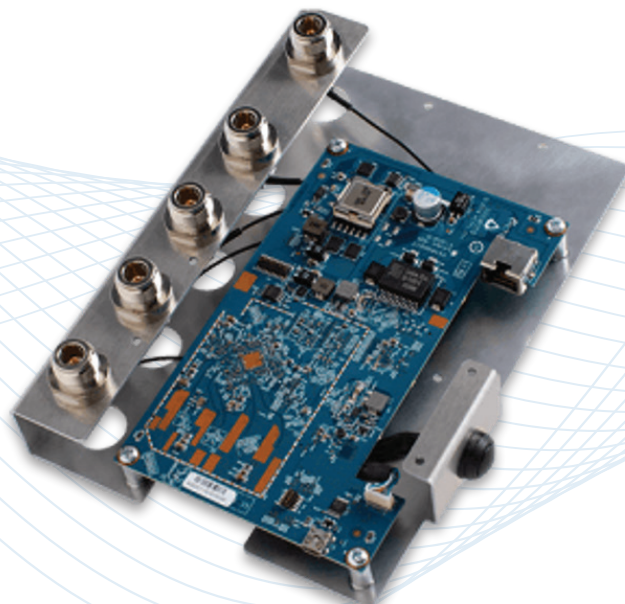
Get Started With Your Access Point Software Development

AP-WiFi-1200-DEV

Connectivity

- WiFi
- Bluetooth® 5

Features

- Dual-radio 2.4 and 5 GHz combined throughput up to 1 Gbps
- WiFi external antenna ports (4)
- Bluetooth® 5 radio with dedicated external antenna port
- Install your own software
- Real-Time Clock (optional)

Bands

- 2.4 GHz: 20/40 MHz
- 5 GHz: 20/40/80 MHz

PCTEL

Access Point Development Kit

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The PCTEL Industrial IoT Access Point Development Kit provides an easy to use platform for creating custom software as well as Proof of Value products. The Development Kit also supports an optional Real-Time Clock with Battery Backup board for those applications that need to keep time accurately.

For convenience, the Development Kit has N-connectors for each radio port. These include four WiFi single port connectors and one Bluetooth connector. The console port is also available for direct control of the system. All required cables are included.

The PCTEL IIoT AP-WiFi-1200 Access Point is PoE powered. A power injector is supplied with the kit.

For additional details, please refer to the PCTEL IIoT Access Point Developer Guide.

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General Specifications

Parameter	Specification
WiFi Antenna Ports	N-connectors (4)
Bluetooth® Antenna Port	N-connector
Ethernet Interface	1 GbE
Power	PoE: 802.3at Type-1 Class 3 (<13 W)
Console	USB2.0 Type-B mini
Operating Temperature	-40°C to +65°C
Storage Temperature	-40°C to +85°C
Dimensions	207 mm x 158 mm x 31 mm (53 mm with connectors)

Kit Contents

1. Access point printed circuit board assembly on mounting plate x1
2. Real-Time Clock daughter board (optional) x1
3. Phihong POE29U-1AT(PL)D-R PoE injector x1
4. C6 power cable for POE injector x1
5. Cat 6 Ethernet networking cable 6' x2
6. USB 2.0 A Male to Mini B Male 10' console cable x1
7. Dual-band WiFi Antenna BMHODB2458IP x5
8. Industrial IoT AP-WiFi-1200 Access Point Data Sheet x1

For more information about this product contact your sales representative or visit
> pctel.com/industrial-iot-devices

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology, including purpose-built Industrial IoT devices, antenna systems, and test and measurement solutions. Trusted by our customers for over 25 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.

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PCTEL, Inc.
T: +1 630 372 6800 | pctel.com