



**peplink**

PEPWAVE

RCM Approved

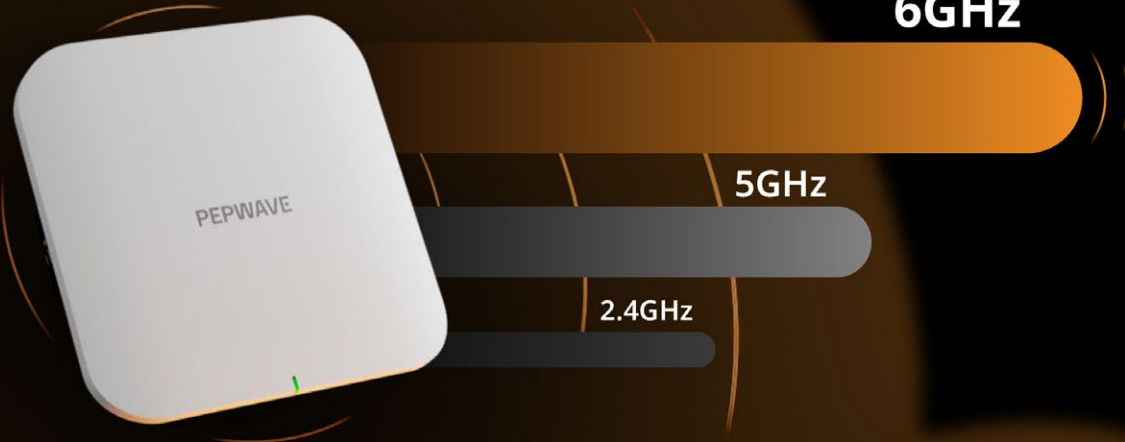
# AP One Enterprise

It Just Keeps Getting Better

- TAA COMPLIANT
- Tri-Band 2.4 / 5 / 6 GHz
- Wi-Fi 7
- 10G GE

## Tri-Band Wi-Fi 7

Unlock the interference-free 6GHz band for smoother performance, even in device-dense business environments.



## Wireless Mesh

Expand your reach, wires are optional. Extend coverage instantly without expensive cabling. The tri-band design provides the extra capacity needed to expand your network without compromising stability.



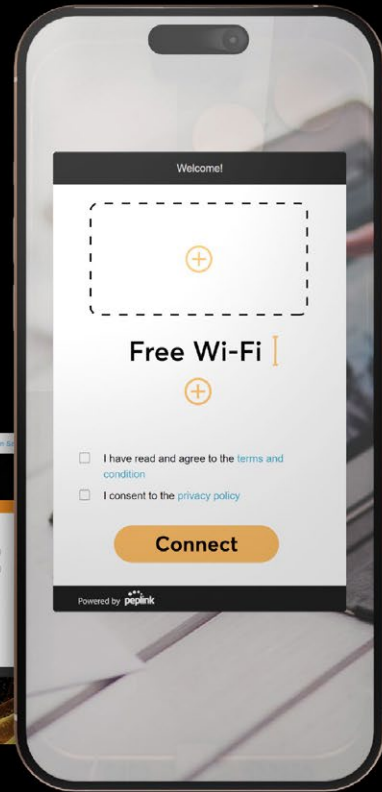
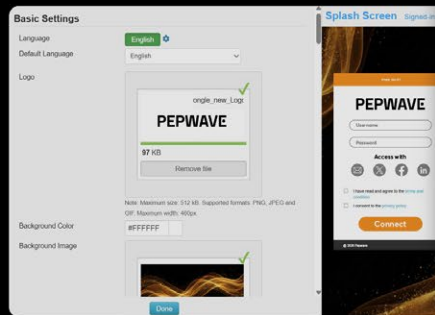


## Dual 10G Ethernet Ports

Unlock the full potential of Wi-Fi 7 with 10G backhaul. The additional port bridges remote switches and wired devices with full line-rate performance, addressing the needs of demanding enterprise environments.

## Customisable Captive Portal

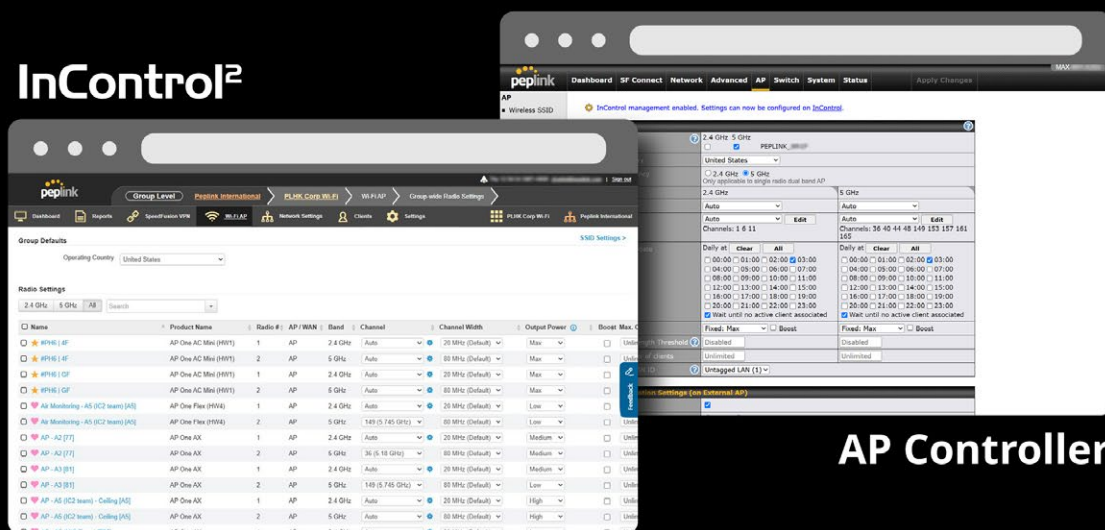
Personalise guest access with branded, flexible, and easy-to-deploy login pages, offering multiple sign-in options and enabling time and usage controls for effective network management.



## Manage on Your Terms

Manage Wi-Fi networks with the router's built-in AP Controller for full local control, or via InControl for a more unified experience across all your Peplink devices.

### InControl<sup>2</sup>



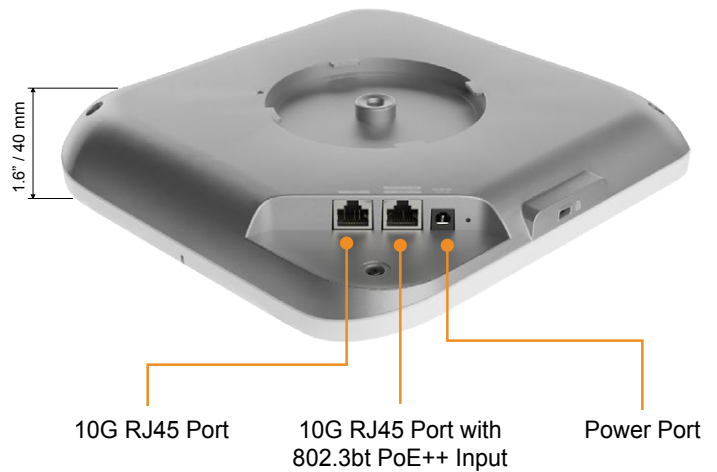
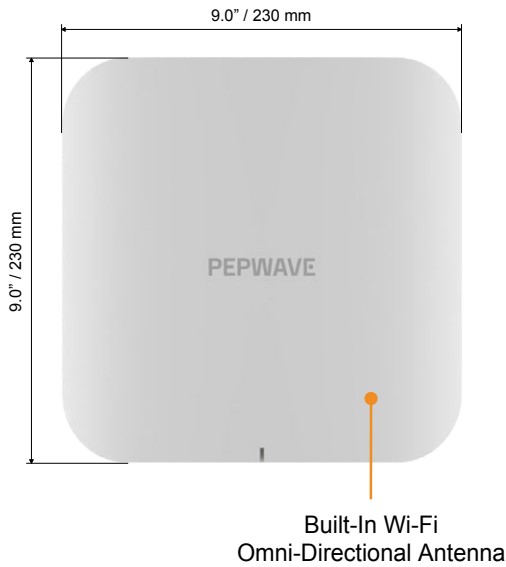
## AP Controller



## SPECIFICATIONS

- **Ethernet Ports**  
2x 10G Multi-Gig Ethernet RJ45
- **Wi-Fi Standard**  
Simultaneous Tri-Band (2.4GHz/5GHz/6GHz)<sup>1</sup>  
Wi-Fi 7 4X4 MIMO
- **Data Rates**  
2.4 GHz: up to 1374 Mbps  
5 GHz: up to 5,755 Mbps  
6 GHz: Up to 11,511 Mbps
- **Channel Width**  
20/40/80/160/320 MHz
- **Recommended clients per Radio**  
512
- **Multiple SSIDs**  
16
- **Transmit Power**  
2.4GHz: 25dBm  
5GHz: 25dBm  
6GHz: 19dBm
- **Antenna**  
Built-In Omni Antenna
- **Antenna Gain**  
4x 4.6 dBi for 2.4 GHz  
4x 5.3 dBi for 5 GHz  
4x 4.9dBi for 6 GHz
- **Enclosure**  
Indoor Plastic
- **Dimensions**  
9.1 x 9.1 x 1.6 inches  
230 x 230 x 39.5 mm
- **Weight**  
2.8 pounds / 1.27 kg
- **Power Input**  
802.3bt PoE++<sup>2</sup>  
DC Jack: 12V 4A DC<sup>2</sup>
- **Power Consumption**  
37W (nominal) / 39W (max.)
- **Operating Temperature**  
32°– 104° F / 0°– 40° C
- **Warranty**  
1-Year Limited Warranty
- **Network**  
Bridge Mode  
Router (NAT) Mode  
Mesh  
Wireless Distribution System (WDS)  
Support for PPPoE, Static IP, DHCP  
Management VLAN  
Spanning Tree Protocol
- **Radio**  
Multiple SSID  
Auto Channel Selection  
Transmit Power Adjustment  
Neighbor AP Detection
- **AP Security**  
Open (No Encryption):  
2.4GHz / 5GHz  
Enhanced Open (OWE):  
2.4GHz / 5GHz / 6GHz  
WPA3 - Personal:  
2.4GHz / 5GHz / 6GHz  
WPA3 - Enterprise:  
2.4GHz / 5GHz / 6GHz  
WPA2/WPA3 - Personal:  
2.4GHz / 5GHz  
WPA2 - Personal:  
2.4GHz / 5GHz  
WPA2 - Enterprise:  
2.4GHz / 5GHz  
WPA/WPA2 - Personal:  
2.4GHz / 5GHz  
WPA/WPA2 - Enterprise:  
2.4GHz / 5GHz
- **Device Management**  
Web Administrative Interface  
InControl Cloud Management  
Peplink AP Controller  
SNMP v1, v2c and v3
- **Client Management**  
Per SSID  
VLAN with QoS (802.1p/802.1q)  
Bandwidth Control  
MAC Address Filtering  
Layer 2 Client Isolation  
Limit on Max. Number of Clients  
  
Per Client  
VLAN with RADIUS  
VLAN with VLAN Pool  
Bandwidth Control  
Multicast Filter  
IGMP Snooping/Multicast  
Enhancement
- **Captive Portal**  
By InControl
- **Package Content**  
1x AP One Enterprise  
2x T-Rail Clips with Screws Set  
1x Mounting Bracket  
1x Mounting Screw Set  
1x L-Shaped Hexagonal Wrench

1. Support for the 6 GHz band is provided solely in countries where local regulations permit its use.  
2. AC/DC adapter and PoE Injector are not included.



## Ordering Information

Product Code	Description
APO-ENTR	AP One Enterprise - 4x4 MIMO Wi-Fi 7 AP for Enterprise, manageable by InControl 2. Supports simultaneous tri-band and is backward compatible with Wi-Fi 6, 5, and 4.

## Featured Add-on

Product Code	Description
PRM-A-1Y / PCP-A-1Y	PrimeCare A / PrimeCare+ A (1-Year)
PRM-A-2Y / PCP-A-2Y	PrimeCare A / PrimeCare+ A (2-Year)
PRM-A-4Y / PCP-A-4Y	PrimeCare A / PrimeCare+ A (4-Year)