

PEPWAVE

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# 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.



6GHz

5GHz

2.4GHz

## 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.



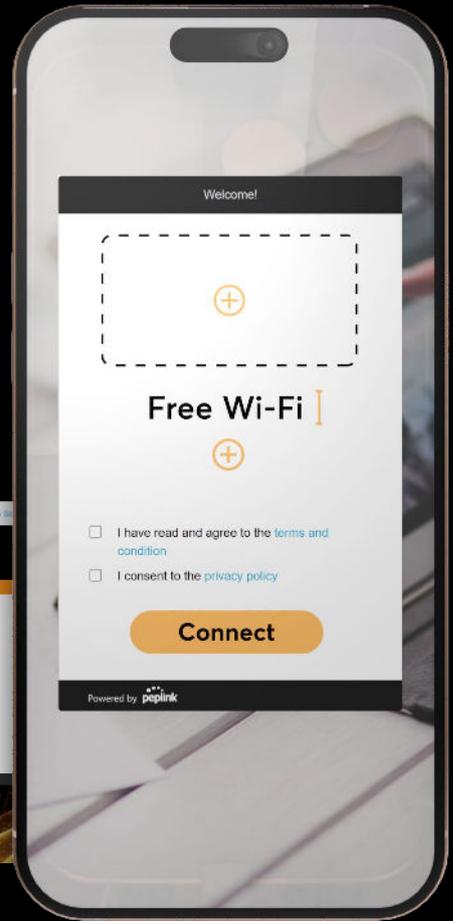
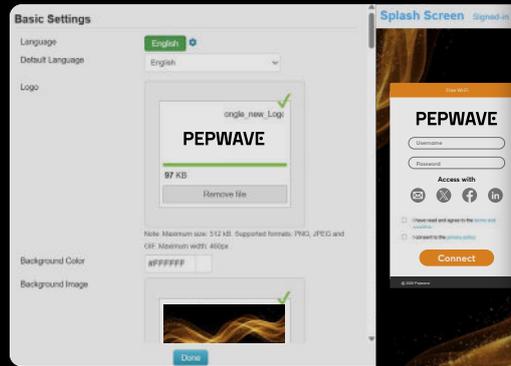


## Dual 10G Ethernet Ports

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.

## Customizable Captive Portal

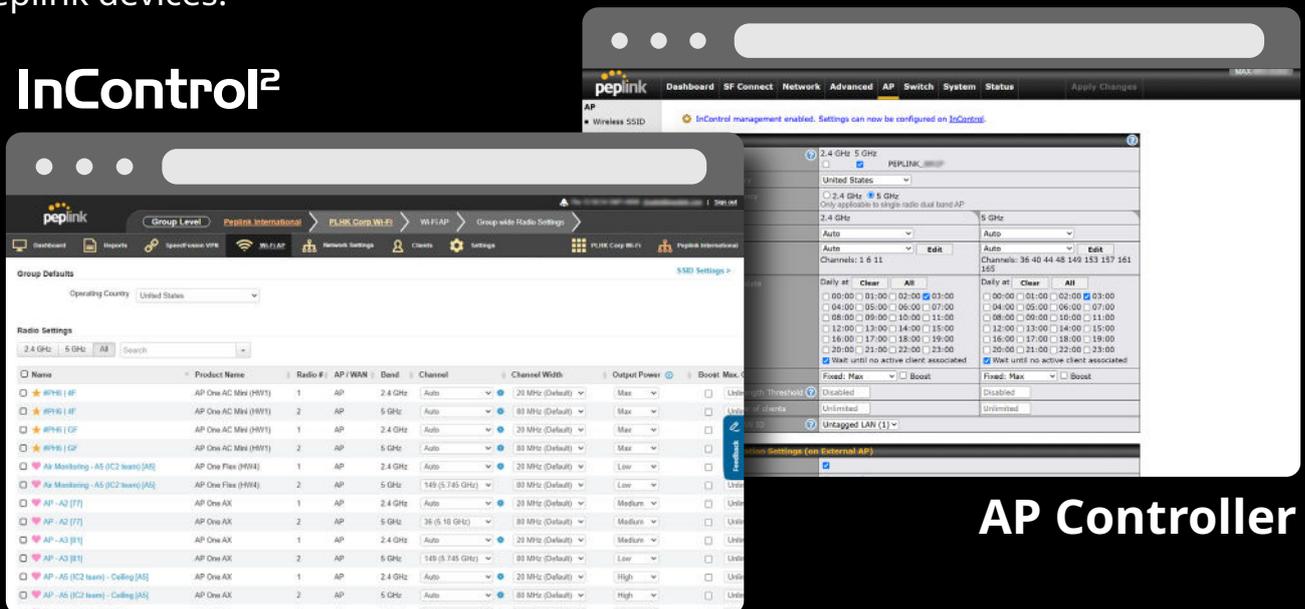
Personalize guest access with branded, flexible, and easy-to-deploy login pages, offering multiple sign-in options and enabling time and usage controls for effective network management.



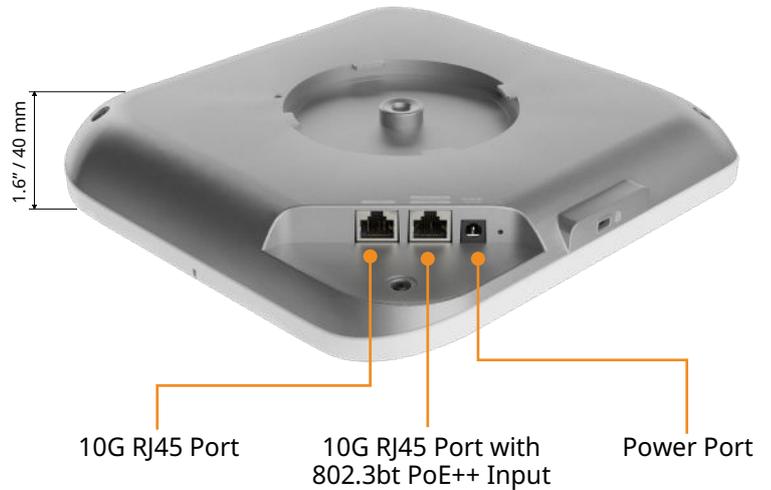
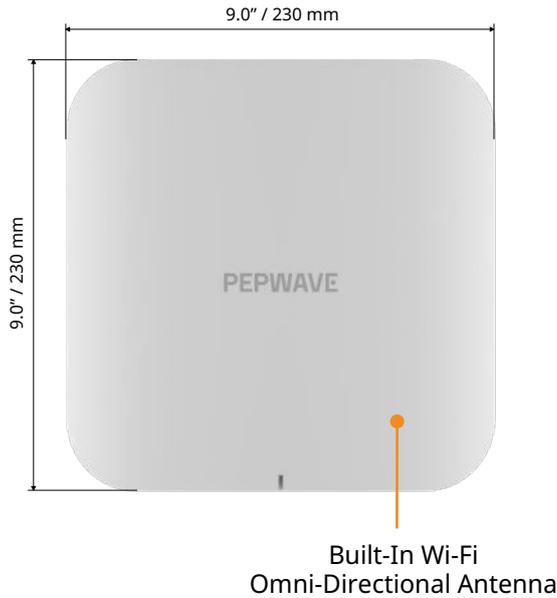
## Manage on Your Terms

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

|                                      |   |                              |   |
|--------------------------------------|---|------------------------------|---|
| <b>Ethernet Ports</b>                | 2x 10G Multi-Gig Ethernet RJ45  | <b>Power Input</b>           | 802.3bt PoE++ <sup>2</sup><br>DC Jack: 12V 4A DC <sup>2</sup>   |
| <b>Wi-Fi Standard</b>                | Simultaneous Tri-Band (2.4GHz/5GHz/6GHz) <sup>1</sup><br>Wi-Fi 7 4X4 MIMO       | <b>Power Consumption</b>     | 37W (nominal) / 39W (max.)  |
| <b>Data Rates</b>                    | 2.4 GHz: up to 1374 Mbps<br>5 GHz: up to 5,755 Mbps<br>6 GHz: Up to 11,511 Mbps | <b>Operating Temperature</b> | 32°F - 104°F<br>0°C - 40°C  |
| <b>Channel Width</b>                 | 20/40/80/160/320 MHz  | <b>Warranty</b>              | 1-Year Limited Warranty   |
| <b>Recommended Clients per Radio</b> | 512   | <b>Network</b>               | Bridge Mode<br>Router (NAT) Mode<br>Mesh<br>Wireless Distribution System (WDS)<br>Support for PPPoE, Static IP, DHCP<br>Management VLAN<br>Spanning Tree Protocol   |
| <b>Multiple SSIDs</b>                | 16  | <b>Radio</b>                 | Multiple SSID<br>Auto Channel Selection<br>Transmit Power Adjustment<br>Neighbor AP Detection   |
| <b>Transmit Power</b>                | 2.4GHz: 25dBm<br>5GHz: 25dBm<br>6GHz: 19dBm                                     | <b>AP Security</b>           | Open (No Encryption): 2.4GHz / 5GHz<br>Enhanced Open (OWE): 2.4GHz / 5GHz / 6GHz<br>WPA3 – Personal: 2.4GHz / 5GHz / 6GHz<br>WPA3 – Enterprise: 2.4GHz / 5GHz / 6GHz<br>WPA2/WPA3 – Personal: 2.4GHz / 5GHz<br>WPA2 – Personal: 2.4GHz / 5GHz<br>WPA2 – Enterprise: 2.4GHz / 5GHz<br>WPA/WPA2 – Personal: 2.4GHz / 5GHz<br>WPA/WPA2 – Enterprise: 2.4GHz / 5GHz |
| <b>Antenna</b>                       | Built-In Omni Antenna   | <b>Device Management</b>     | Web Administrative Interface<br>InControl Cloud Management<br>Peplink AP Controller<br>SNMP v1, v2c and v3  |
| <b>Antenna Gain</b>                  | 4x 4.6 dBi for 2.4 GHz<br>4x 5.3 dBi for 5 GHz<br>4x 4.9dBi for 6 GHz           |                              |   |
| <b>Enclosure</b>                     | Indoor Plastic  |                              |   |
| <b>Dimensions</b>                    | 9.1 x 9.1 x 1.6 inches<br>230 x 230 x 39.5 mm                                   |                              |   |
| <b>Weight</b>                        | 2.8 pounds / 1.27 kg  |                              |   |

<sup>1</sup> Support for the 6 GHz band is provided solely in countries where local regulations permit its use.

<sup>2</sup> AC/DC adapter and PoE Injector are not included.

Specifications are subject to change without notice.

## Specifications

### 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 Contents

1x AP One Enterprise  
2x T-Rail Clips with Screws Set  
1x Mounting Bracket  
1x Mounting Screw Set  
1x L-Shaped Hexagonal Wrench

## Ordering Information

### Product Code

APO-ENTR

### Description

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

PRM-A-1Y / PCP-A-1Y

PRM-A-2Y / PCP-A-2Y

PRM-A-4Y / PCP-A-4Y

### Description

PrimeCare A / PrimeCare+ A (1-Year)

PrimeCare A / PrimeCare+ A (2-Year)

PrimeCare A / PrimeCare+ A (4-Year)