

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.



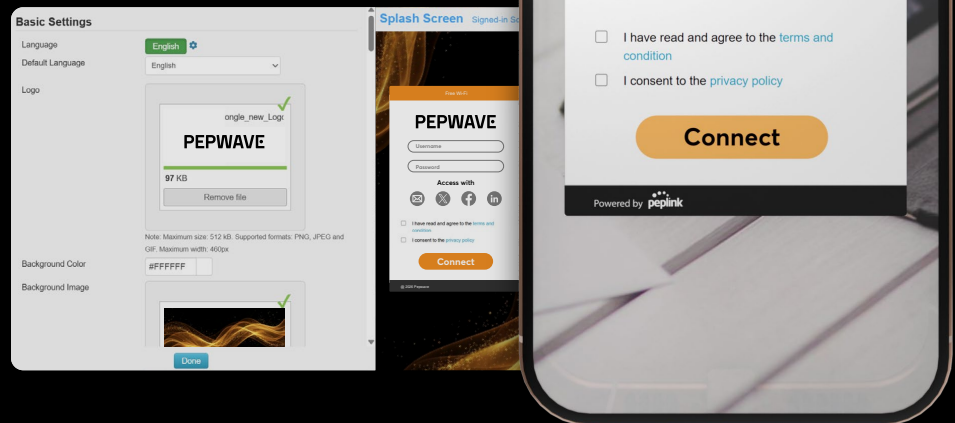


Dual 10G Ethernet Ports

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

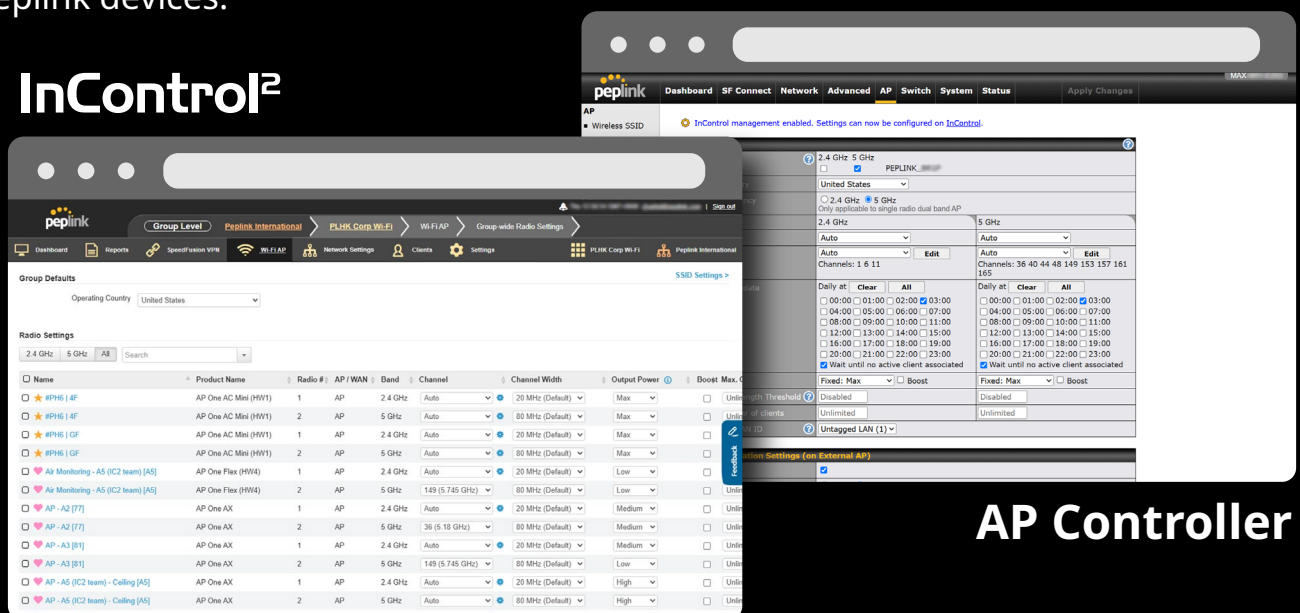
Personalize guest access with branded, flexible, and easy-to-deploy login pages, offering multiple sign-in options and enabling time and usage controls for effective network management.



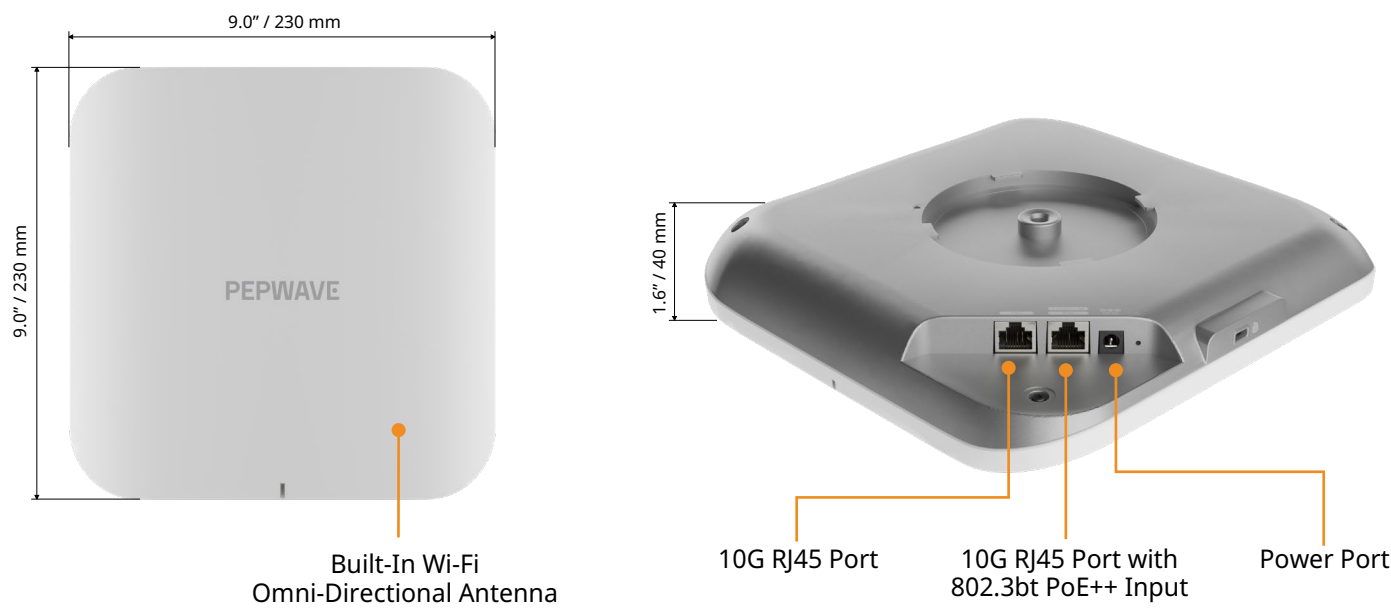
Manage on Your Terms

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.

InControl²



AP Controller



Specifications

Ethernet Ports	2x 10G Multi-Gig Ethernet RJ45	Power Input	802.3bt PoE++ ² DC Jack: 12V 4A DC ²
Wi-Fi Standard	Simultaneous Tri-Band (2.4GHz/5GHz/6GHz) ¹ Wi-Fi 7 4X4 MIMO	Power Consumption	37W (nominal) / 39W (max.)
Data Rates	2.4 GHz: up to 1374 Mbps 5 GHz: up to 5,755 Mbps 6 GHz: Up to 11,511 Mbps	Operating Temperature	32°F - 104°F 0°C - 40°C
Channel Width	20/40/80/160/320 MHz	Warranty	1-Year Limited Warranty
Recommended Clients per Radio	512	Network	Bridge Mode Router (NAT) Mode Mesh Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol
Multiple SSIDs	16	Radio	Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection
Transmit Power	2.4GHz: 25dBm 5GHz: 25dBm 6GHz: 19dBm	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
Antenna	Built-In Omni Antenna	Device Management	Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3
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		

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.
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	Captive Portal by InControl
	Per Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement	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	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)