



Omada Pro Outdoor & Wall Plate Access Points

		Wi-Fi 6	
		Outdoor Access Points	Wall Plate Access Point
Product Picture			
Model		AP8635-I V1.0	AP7650 V1.0
Product Description		Omada Pro AX1800 Indoor/Outdoor Wi-Fi 6 Access Point	Omada Pro AX3000 Wall Plate Wi-Fi 6 Access Point
Main Design	Wi-Fi Class	AX1800	AX3000
	Wi-Fi Speed (2.4 GHz)	574 Mbps	574 Mbps
	Wi-Fi Speed (5 GHz)	1201 Mbps	2402 Mbps
	Ethernet Ports	1× 1 GE PoE+	4x 1 GE Port
	Antennas	2× Internal Omni Antennas: 2.4 GHz: 2×4 dBi 5 GHz: 2×5 dBi	2.4 GHz: 2×3 dBi 5 GHz: 2×5 dBi
	Bluetooth	-	-
	Power Supply	802.3at PoE or 48V/0.5A Passive PoE (PoE Adapter Not Included)	802.3af/at PoE
	Dimensions (W × D × H)	11.0 × 4.2 × 2.2 in (280.4 × 106.5 × 56.8 mm)	5.6 × 3.4 × 1.7 in (143 × 86 × 42.6 mm)
Mounting		Pole / Wall Mounting (Kits included)	Wall Mounting (Kits included)
Management	Omada Pro Software Controller	✓	
	Omada Pro Cloud-Based Controller	✓	
	Cloud Access [†]	✓	
	Omada App	✓	
	Others	Intelligent Anomaly Detection and Analysis, Intelligent Network Optimization, Management MAC Access Control, System Log, Email Alerts	
Wireless Functions	Multiple SSIDs	16 (8 for each band)	
	Enable/Disable Wireless Radio	✓	
	Enable/Disable SSID Broadcast	✓	
	Guest Network	✓	
	Automatic Channel Assignment	✓	
	Transmit Power Control	Adjust Transmit Power on dBm	
	QoS (WMM)	✓	
	Seamless Roaming [‡]	✓	
	Mesh [‡]	✓	-
	Beamforming	✓	
	MU-MIMO	✓	-
	PPSK	✓	
	Rate Limit	Based on SSID/Client	
Others	Load Balance, Airtime Fairness, Band Steering, MAC Authentication, Reboot Schedule, Wireless Schedule, Wireless Statistics, Static IP/Dynamic IP		
Security	WIDS/WIPS	✓	
	Captive Portal Authentication [§]	✓	
	Access Control	✓	
	Maximum Number of MAC Filter	4,000	
	Wireless Isolation Between Clients	✓	
	VLAN	✓	
	Rogue AP Detection	✓	
	Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise	
802.1X Support	✓		
Environment		<ul style="list-style-type: none"> Operating Temperature: -30 °C–70 °C (-22 °F–158 °F); Storage Temperature: -40 °C–70 °C (-40 °F–158 °F); Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing 	<ul style="list-style-type: none"> Operating Temperature: 0 °C–40 °C (32 °F–104 °F); Storage Temperature: -40 °C–70 °C (-40 °F–158 °F); Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing

*Please note that Bluetooth software must be added, but the hardware is already configured in the product during shipping.

**The dimension information only includes the product and bracket and excludes the detachable external antennas.

†These functions require the use of an Omada Pro SDN controller.