

Omada 5-Stream BE5000 Ceiling Mount Wi-Fi 7 Access Point

EAP727



5-Stream Wi-Fi 7



Wi-Fi Speeds up to 5.0 Gbps[†]



1 × 2.5GbE Port



802.3at PoE



Omada Mesh & Seamless Roaming[§]



Centralized Cloud Management



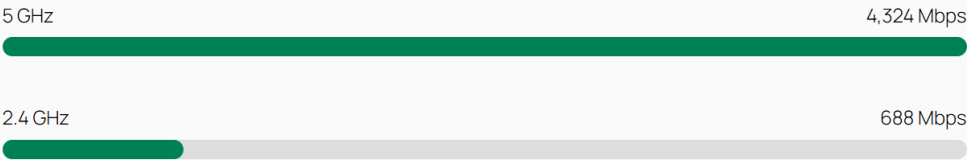
Enhanced Security



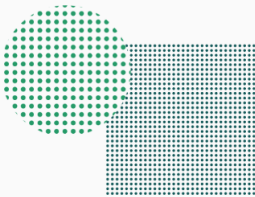
Easy Installation

Wi-Fi 7: Swifter, Smoother, Stronger

Dual-Band Wi-Fi 7 Throughput[†]



Higher Efficiency with 4K-QAM



Wi-Fi 7 12 bits/symbol
↑ 20% more data transmission



Wi-Fi 6 10 bits/symbol

Higher Reliability and Speeds with MLO



Multi-Link Operation

Optimized Wired Performance with 2.5G PoE+ Port

With a 2.5 Gigabit Ethernet Port, EAP727 delivers remarkable multi-gigabit performance for higher bandwidth and faster Wi-Fi. Compatibility with 802.3at PoE is ideal for flexible deployment.



Boosted Network Security



Secure Guest Network
with up to 16 SSIDs



Boost Your Business
with SMS Login

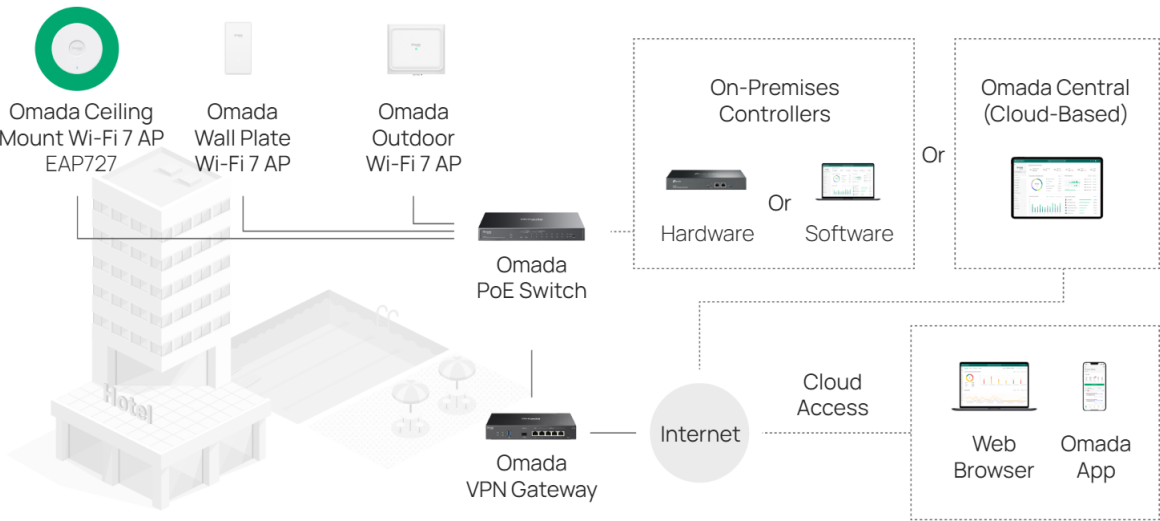


WPA3 for Worry-Free
Open Public Networks



Rogue AP Detection

Seamless Integration into Omada SDN



Hardware Features	
Interface	1× 2.5 Gbps Ethernet Port
Button	Reset
Power Supply	<ul style="list-style-type: none">• 802.3at PoE• 12V/1.5A DC Note: DC Power adapter is not included. DC power interface: 12V, accepts 2.1 mm / 5.5 mm center-positive circular plug with 9 mm length.
Weight	0.47 kg (1.04 lb)
Dimensions (W x D x H)	6.3 × 6.3 × 1.4 in (160 × 160 × 36.7 mm)
Antenna	<ul style="list-style-type: none">• 2.4 GHz: 2 × 4 dBi• 5 GHz: 3 × 6 dBi
Bluetooth	1 × 4 dBi (peak gain), internal antenna
Mounting	<ul style="list-style-type: none">• Ceiling/Wall/Junction Box Mounting (Kits included)• T-Bar Mounting (Kits included)
Max. Power Consumption	<ul style="list-style-type: none">• 15.6 W (PoE)• 14.1 W (DC)
Management Features	
Omada App	Yes (Omada App V5.0 and above)
Centralized Management	<ul style="list-style-type: none">• Omada Central (Cloud-Based)• Omada Hardware Controller• Omada Software Controller
Cloud Access	Yes. Require the use of an Omada Controller.
Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c, v3
System Logging Local/Remote Syslog	Yes
SSH	Yes
Web-based Management	Yes
Wireless Features	
Coverage	2,000 ft² (185 m²)*
Concurrent Clients	510+**
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ax/be
Frequency	2.4 GHz and 5 GHz

WIRELESS FEATURES

Signal Rate	688 Mbps (2.4 GHz) + 4324 Mbps (5 GHz)
Wireless Functions	<ul style="list-style-type: none">• MLO[‡]• 4K-QAM[‡]• Seamless Roaming• 160 MHz Bandwidth[‡]• Mesh[§]• OFDMA[‡]• Load Balance• Band Steering• Beamforming• Airtime Fairness• Multiple SSIDs:16(8 on each band)• Wireless Schedule• Reboot Schedule• QoS(WMM)• Rate Limit• Static IP/Dynamic IP• Radius Accounting• MAC Authentication
Wireless Security	<ul style="list-style-type: none">• Captive Portal Authentication[§]• Access Control• MAC Filter• Wireless Isolation Between Clients• VLAN• Rogue AP Detection• WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise
Transmission Power	7-20 dBm (2.4 GHz, EIRP) 9-24 dBm (5 GHz, U-NII-1 & U-NII-2A, EIRP) 9-30 dBm (5 GHz, U-NII-2C, EIRP)

OTHERS

Certification	FCC/CE/VCCI/JRF/ICES
Package Content	<ul style="list-style-type: none">• EAP727• Installation Guide• Mounting Kit
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C to +40°C (32°F to +104°F)• Storage Temperature : -40°C to +70°C (-40°F to +158°F)• Operating Humidity: 10% to 90% (non-condensing)• Storage Humidity: 5% to 90% (non-condensing)• Storage Altitude: up to + 2000 m (6561 feet)• Operating Altitude: up to + 2000 m (6561 feet)

[‡]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. The 160 MHz bandwidth is only available on the 5 GHz band and may be unavailable in some regions/countries due to regulatory restrictions. Actual wireless data throughput, wireless coverage, and connected devices are not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

[§]Use of Wi-Fi 7 (802.11be), and features including Multi-Link Operation (MLO), 160 MHz Bandwidth, 4K-QAM, Multi-RUs, and OFDMA requires clients to also support the corresponding features.

*Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.

**The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.

[§]These features require the use of an Omada controller.

ErP Information

- 1) Power consumption in networked standby: 6 W
- 2) Power consumption in networked standby when all wired network ports are connected and all wireless network ports are activated: 6.5 W
- 3) The default period of time after which the power management function switches the equipment automatically into a condition providing networked standby: 20 minutes
- 4) Recommended DC power supply: T120100-2C1
- 5) How to activate and deactivate wireless network: Enter the webpage of product through wired connecting. The wireless function can be turn on/off via 'Wireless > Wireless Settings > Enable Checkbox'