

EVO6700AP

Wi-Fi 6 AP Router & Mesh Beacon

Featuring 4x4 Antennas
802.11ax Wi-Fi Capability
(2.4GHz 2x2 + 5GHz 4x4)

EVO6700AP Wi-Fi 6 dual-operational AP router and mesh beacon enables service providers to safely provide high-quality Wi-Fi to all locations in the subscriber's home. EVO6700AP functions as the main wireless AP in the home or a mesh beacon to extend Wi-Fi coverage from an existing eDM-enabled router to the whole home. Service providers can leverage Evolution Digital's eDM managed Wi-Fi services, eDM Broadband operator tool and eDM Wi-Fi end-user mobile application, for device controls, diagnostics and settings changes such as SSID/password provisioning, parental controls, guest access and more.



KEY FEATURES

- Upload and Download OFDMA AP & STA
- Wi-Fi 6 MU-MIMO
- 2.4GHz 2x2 + 5GHz 4x4
- RAM: 512MB DDR3
- NAND: 256MB
- Dual-band Antenna
- IPv4/IPv6 support
- Smart Roaming (AP steering)
- Remote Management (TR-069)
- Giga Ethernet LAN Ports



2X2 / 4X4



802.11ax
(Wi-Fi 6)



Dual Band
Concurrent



TR-069



Mobile App
Support

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Network

- IPv4/IPv6 support
- IGMP(v3), IGMP Snooping, MLD
- VLAN IEEE 802.1q
- QoS : IEEE 802.1p,IPv4/IPv6,MAC,Part and DiffServ-based
- WMM,WRED, WRR, Leaky Bucket Shaper Schedule
- MSTP (Multiple Spanning Tree Protocol)

WLAN

- Wi-Fi Access Point
2.4GHz 11ax : 2x2
5GHz 11ax : 4x4 (160MHz)
- 20/40/80/160 MHz channels
- WPS support
- Multi SSIDs
- IAS (Intelligent Airtime Scheduling), Band Steering, Hotspot 2.0

802.11ax

- UL and DL OFDMA AP & STA support
- 11ac and 11ax MU-MIMO
- 4x Symbol Size
- Target Wake Times(TWT)
- 11ax Range Extension mode
- 1024 QAM

Smart Wi-Fi

- Smart roaming (AP steering)
- 802.11 b/g/n/ac/ax
- Band-steering
- ACS (Auto Channel Selection)
- eDM Broadband Operator Management Platform
- eDM Wi-Fi Mobile App

Accessory

- 12V / 1.5A Power adaptor
- Ethernet Cable
- User Manual

Management/ Diagnostics/ Configuration

- TR-069, TR-181v2
- WEB/UI(HTTP/HTML), Remote Diagnostics

Compliance/Certificates

- RoHS Compliant
- Wi-Fi Alliance

Physical Interface

- Front Panel
 - LEDs
- Rear Panel
 - 2 x GbE LAN Ports
- Factory Reset Button
- WPS Button
- Power Switch

Features

- Wi-Fi Insight
- Graphical connection view

Mechanical & Environmental Specification

- Operating Temperature :
0°C
(32°F) ~ 40°C (104°F)
- Storage Temperature :
-30°C (86°F) ~ 60°C
(140°F)
- Humidity : 10 ~ 90%
(Non-condensing)
- Dimensions(W x D x H) : 54(7.2)mm x 130mm x 130mm