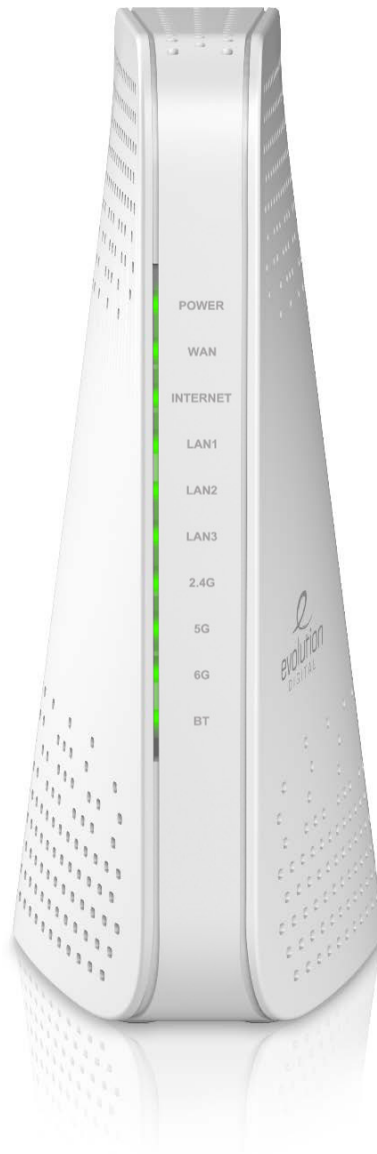


# EVO1840AP

WI-FI 6E AP ROUTER/MESH BEACON



Wi-Fi 6E

tri-band

2.5Gb

Plume

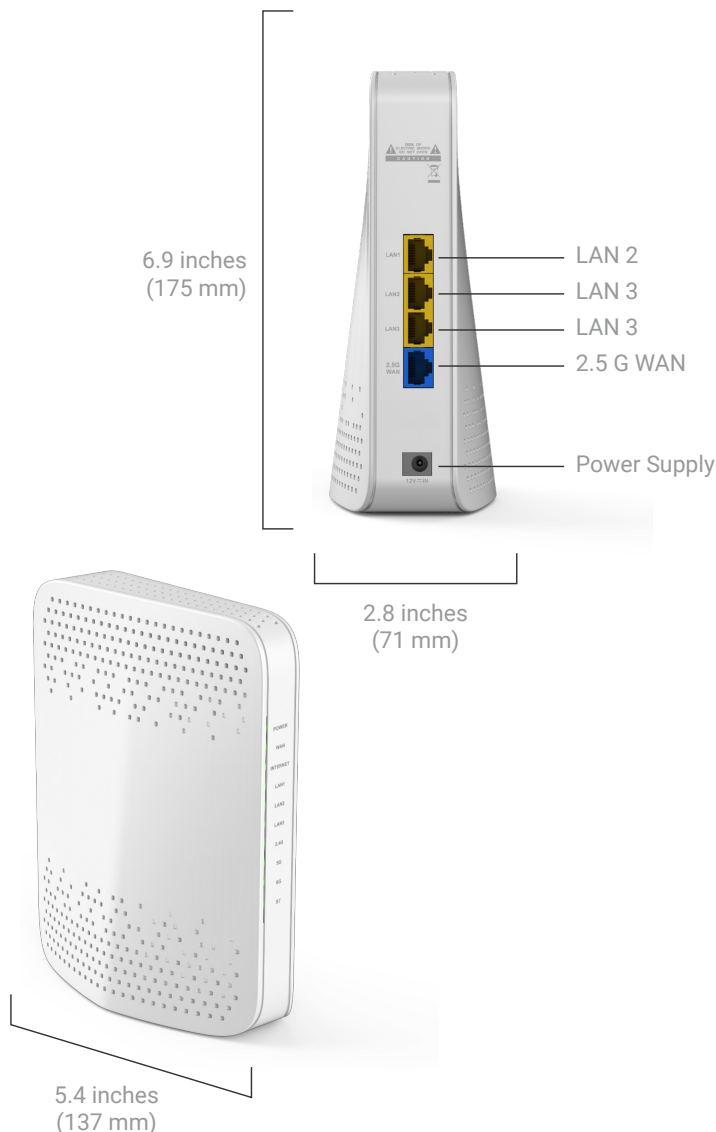
OpenSync



EvolutionDigital.com

## Unleash Superior Wi-Fi

EVO1840AP, a cutting-edge Wi-Fi 6E AP router and mesh beacon, empowers service providers with a secure, versatile solution for unparalleled Wi-Fi performance. Whether as a primary AP or mesh extension, its OpenSync certified technology ensures seamless coverage and enhanced subscriber satisfaction through Plume's innovative software suite.



### Hardware

**CPU:** Quad-core @ 1.6 GHz

**Memory:** 1024MB DDR3

**Flash:** 512MB NAND

### Network Features

**Protocols:** IPv4, IPv6

**WAN Types:** Dynamic IP, Static IP, PPPoE

**Wi-Fi Encryption:** WPA2/3 Personal / Enterprise

**WLAN:** Guest Network / Multi-SSID

**QoS:** IEEE 802.1p

### Interfaces

**WAN/LAN:** 2.5GbE (x1)

**LAN:** 1GbE (x3)

**BLE:** Bluetooth 5.0

### Wi-Fi

**Standard:** Wi-Fi 6E (802.11a/b/g/n/ac/ax)

**Band Configuration:** Tri-band

**Channel Width:** 20, 40, 80, 160 MHz

**Spectral Bands:** 2.4 GHz (2x2), 5 GHz (4x4), 6 GHz (2x2)

**Per Band PHY:** 0.57 Gbps, 4.8 Gbps, 2.4 Gbps

**Peak PHY:** 7.8 Gbps

**Peak QAM:** 1024K QAM

### Software Features

**Plume:** HomePass, WorkPass, Haystack, Uprise, Harvest

**OpenSync:** OpenSync 6.4

**CAF Support:** SamKnows (via Plume)

**Smart Wi-Fi:** Intelligent Mesh, Band / Client Steering

**Mode:** Router or Bridge Mode

### Physical Specifications

**Size:** 6.9 x 5.4 x 2.8 inches (175 x 137 X 71 mm)

**Weight:** 2.5 pounds (1.13 kg)

**Operating Temperature:** 0°C~40°C (32°F~104°F)

**Power Supply:** External, 12V/2A