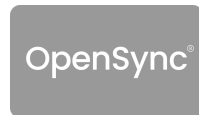
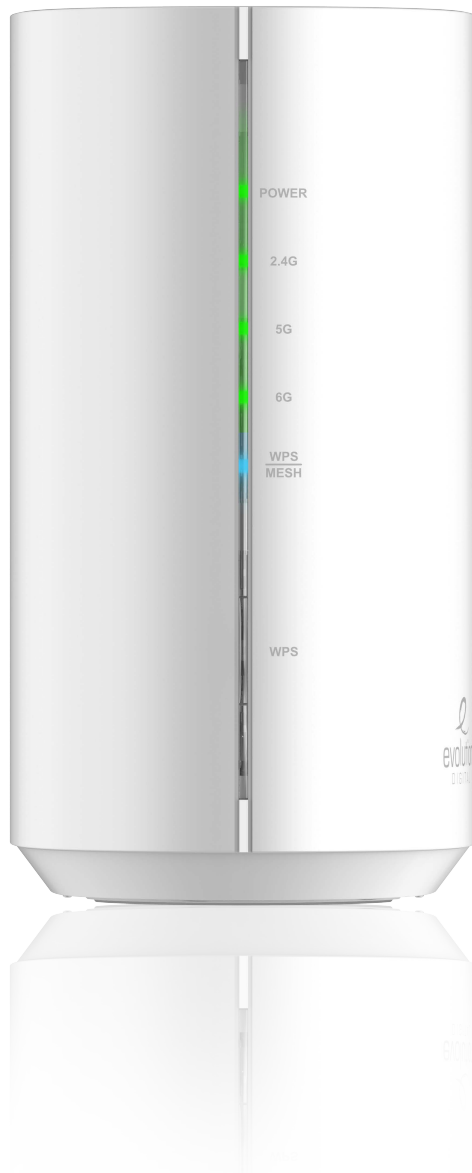


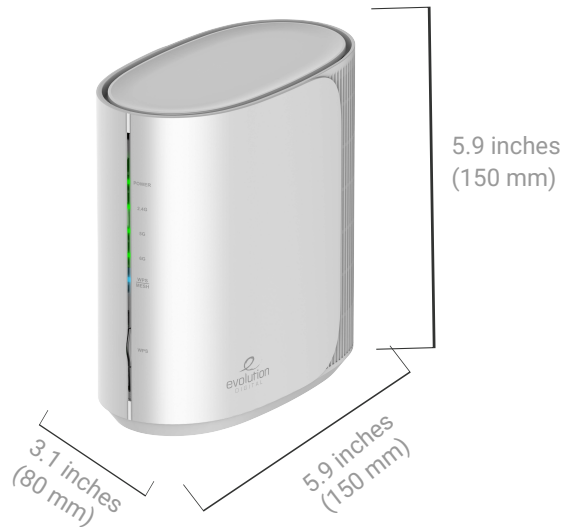
# EVO7000AP | Datasheet



evolutiondigital.com

**EVO7000AP** Wi-Fi 7 AP 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, functioning as the main wireless AP in the home or as a mesh beacon to extend Wi-Fi coverage. By using 802.11be technology, customers enjoy faster and more stable services than before, ensuring flexibility in location and ease of installation.

OpenSync 6.6 certification in-process scheduled to complete in Q3 of year 2025.



## Hardware

**CPU:** Quad-core @ 2.0 GHz ARMv8

**Memory:** 2GB DDR4

**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

**QoS:** IEEE 802.1p

## Interfaces

**WAN:** 2.5GbE (x1)

**LAN:** 2.5GbE (x1) / 1GbE (x1)

**BLE:** Bluetooth 5.0

## Wi-Fi

**Chipset:** Broadcom BCM6766

**Standard:** Wi-Fi 7 (802.11a/b/g/n/ac/ax/be)

**Band Configuration:** Tri-band 2x4x4

**Channel Width:** 20, 40, 80, 160, 320 MHz

**Spectral Bands:** 2.4, 5, 6 GHz

**Per Band PHY:** 0.7, 5.7, 11.5 Gbps

**Peak PHY:** 17.9 Gbps

**Peak QAM:** 4K QAM

## Software Features

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

**OpenSync:** OpenSync 6.6 Certification Scheduled for Q3 2025

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

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

**Mode:** Router or Bridge Mode

## Physical Specifications

**Size:** 3.1 x 5.9 x 5.9 inches (80 x 150 x 150 mm)

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

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

**Buttons:** Reset, WPS

**Power Supply:** External, 12V/2.5A

