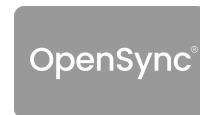
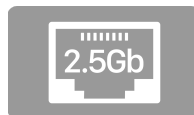
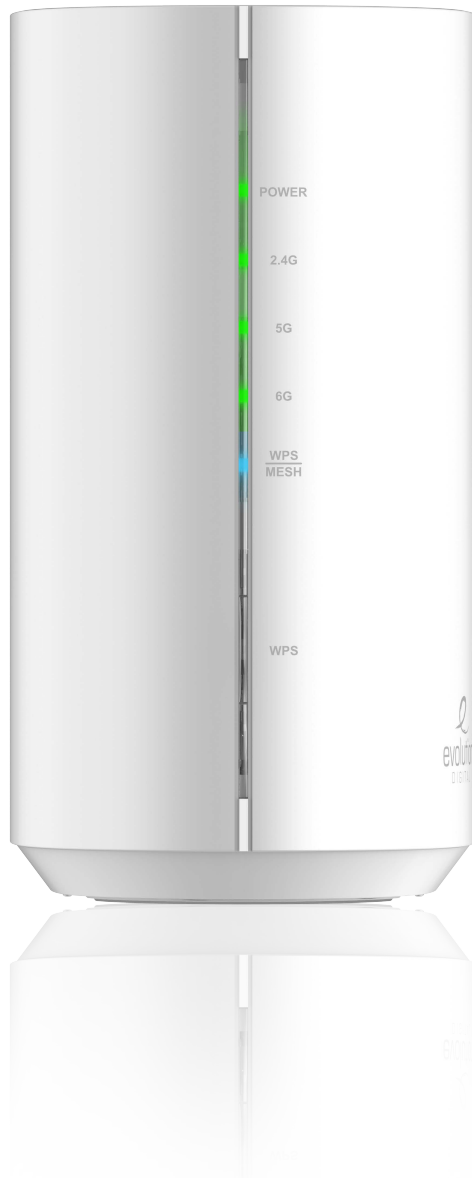


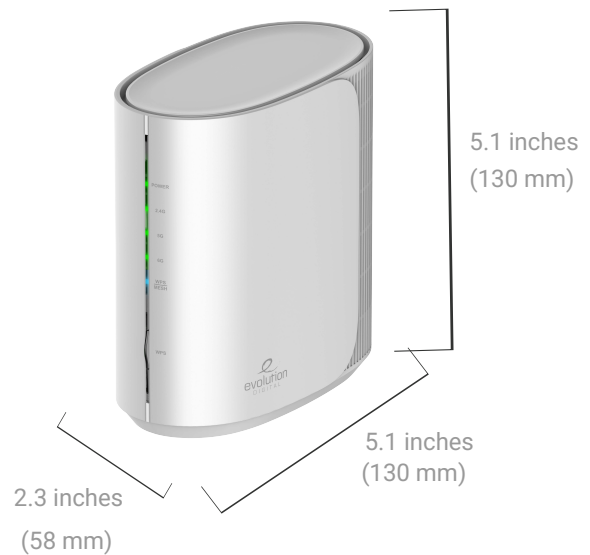
EVO7024AP | Datasheet



evolutiondigital.com

The **EVO7024AP** Wi-Fi 7 AP is a dual-mode router and mesh beacon designed to help service providers deliver secure, high-performance Wi-Fi throughout a subscriber's home. It can serve as a primary gateway or act as a mesh beacon access point to extend coverage. Leveraging 802.11be technology, it offers users faster, more reliable connectivity, along with flexible placement options and simple installation.

OpenSync 6.6 certification in-process
scheduled to complete in Q2 of 2026.



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)

BLE: Bluetooth 5.0

Wi-Fi

Chipset: Broadcom BCM6766

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

Band Configuration: 2.4GHz (2x2), 5GHz (4x4)

Channel Width: 20, 40, 80, 160 MHz

Spectral Bands: 2.4, 5 GHz

Per Band PHY: 0.7, 5.7

Peak PHY: 6.4 Gbps

Peak QAM: 4K QAM

Software Features

Plume: HomePass, WorkPass, Haystack, Uprise, Harvest

OpenSync: OpenSync 6.6 Certification Scheduled for Q2 2026

CAF Support: SamKnows (via Plume)

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

Mode: Router or Bridge Mode

Physical Specifications

Size: 2.3 x 5.1 x 5.1 inches (58 x 130 x 130 mm)

Weight: 1 pounds (.45 kg)

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

Buttons: Reset, WPS

Power Supply: External, 12V/2.5A

