EVO8000AP | Datasheet

POWER

10G WAN

10GE LAN

LAN1

LAN2

LAN3

LAN4

2.4G

5G

6G

WPS

WPS

Wi Fi 7 · tri-band · 10Gb · Plume · OpenSync®
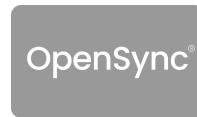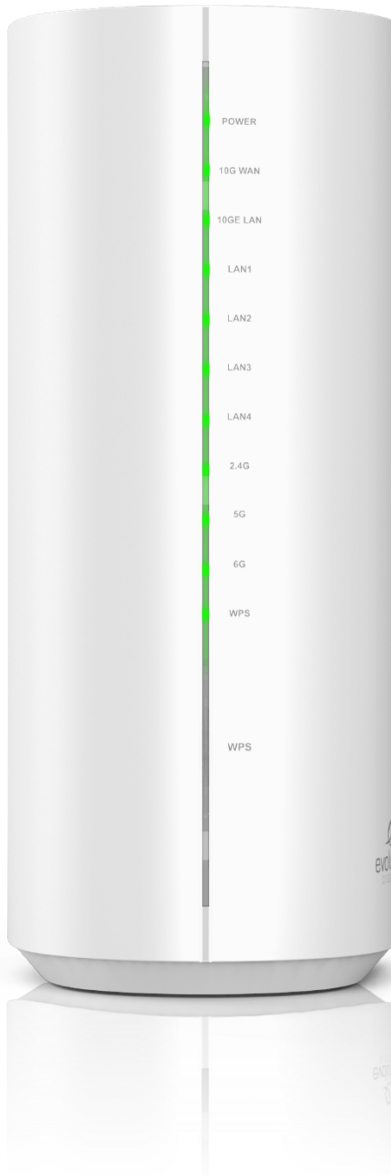
EVO8000AP Wi-Fi 7 AP dual-operational AP router and mesh beacon enables service providers to safely provide high-quality Wi-Fi to all locations in the subscriber's home, functioning as the main wireless AP in the home or as a mesh beacon to extend Wi-Fi coverage. By using 802.11be technology, customers enjoy faster and more stable services than before, ensuring flexibility in location and ease of installation.

OpenSync certification completed in September 2024.

9.4 inches (240 mm)

3.1 inches (80 mm)

Hardware

CPU: Quad-core @ 2.0 GHz

Memory: 2GB DDR4

Flash: 512MB NAND

Wi-Fi

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

Band Configuration: Tri-band 4x4

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

Spectral Bands: 2.4, 5, 6 GHz

Per Band PHY: 1.38, 5.7, 11.5 Gbps

Peak PHY: 18.58 Gbps

Peak QAM: 4K QAM

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

Software Features

Plume: HomePass, WorkPass, Haystack, Uprise, Harvest

OpenSync: OpenSync 5.6

CAF Support: SamKnows (via Plume)

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

Mode: Router or Bridge Mode

Interfaces

WAN: 10GbE (x1)

LAN: 10GbE (x1) / 1GbE (x3)

USB: USB 3.0 (x1)

BLE: Bluetooth 5.0

Physical Specifications

Size: 9.4 x 7.4 x 3.1 inches (240 x 190 X 80 mm)

Weight: 2.5 pounds (1.13 kg)

Buttons: Power, Reset, WPS

Power Supply: External, 12V/4A

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DIGITAL