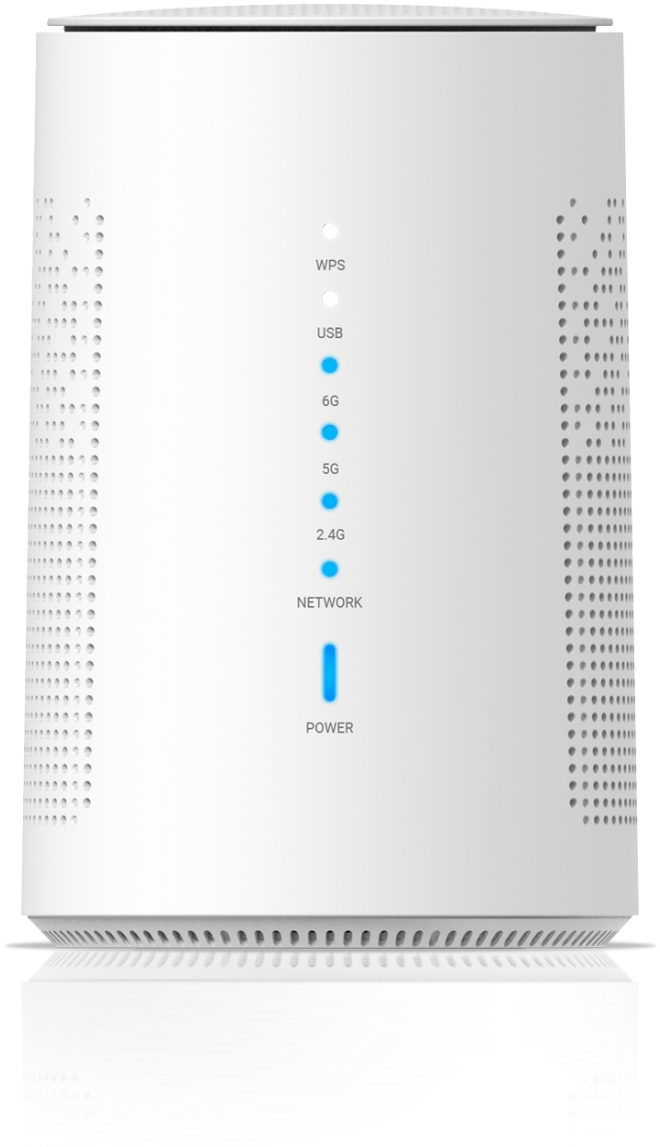
EVO7000AP | Datasheet



WiFi 7 | tri-band | 2.5Gb | Plume | OpenSync®

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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 i nstallation. OpenSync certification scheduled to complete end of year 2024.

Hardware

CPU: Quad-core @ 1.5 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: 0.7, 5.7, 11.5 Gbps

Peak PHY: 17.9 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 6.4

CAF Support: SamKnows (via Plume)

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

Mode: Router or Bridge Mode

Interfaces

WAN: 2.5GbE (x1)

LAN: 2.5GbE (x1) / 1GbE (x2)

USB: USB 3.0 (x1)

BLE: Bluetooth 5.0

Physical Specifications

Size: Ø5.4 x 8.2 inches (Ø137.5 x 210 mm)

Weight: 2.5 pounds (1.13 kg)

Buttons: Power, Reset, WPS

Power Supply: External, 12V/4A

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