

## Overview

- **Indoor Dual Band Dual Concurrent 2+2 802.11BE Access Point**
- Supports **2.4GHz 2x2** and **5GHz 2x2** radio circuits
- Achieves up to **5Gbps total wireless throughput**
- Equipped with rich flash and SDRAM for **dual image, secured boot, and advanced system features**
- Ideal for **MDUs, hotels, and enterprise deployments**
- Includes **BLE and Zigbee** support for IoT use cases (\*SKU-dependent)
- Sleek, compact design that mounts cleanly to wall plates or flat surfaces



**Manufacturer:** SonicFi

## Specifications

### Interface

- WAN Port:
  - 1 × RJ45 Ethernet port
  - Auto-sensing: 10/100/1000/2500 BASE-T
  - Power Input: PoE-PD 802.3at
- LAN Ports:
  - 3 × RJ45 Ethernet ports
  - Auto-sensing: 10/100/1000/2500 BASE-T
  - PoE-PSE: 802.3at





# RAP750W – Indoor Wall Mount Wi-Fi 7 Access Point

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## Wi-Fi Radios

- 2.4 GHz Radio
  - Standard: 802.11BE 2x2 (2SS)
  - Max Data Rate: 688 Mbps
- 5 GHz Radio
  - Standard: 802.11BE 2x2 (2SS)
  - Max Data Rate: 4323 Mbps
- Architecture: Dual Band MU-MIMO

## Wireless Antenna

- Type: 3 integrated antennas for 2.4G, 5G, and BLE
- Antenna Gain:
  - 2.4GHz: 4 dBi
  - 5GHz: 5 dBi
  - BLE: 1.78 dBi

## Physical

- Dimensions: Compact, vertically mounted housing
- Weight:
  - Net: 330g
  - With bracket: 400g
- Mounting:
  - Over-the-socket wall plate mount
  - Generic wall surface mount (kit included)

## Environmental Conditions

- Operating Temperature: 0°C to 40°C / 32°F to 104°F
- Storage Temperature: -40°C to +70°C / -40°F to +158°F
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Humidity: 5% to 90% (non-condensing)

## Key Features

- High-efficiency Wi-Fi 7 (802.11BE) with MLO and MRU
- All-in-one network and IoT access point with optional BLE and Zigbee
- Dual concurrent radios for high user density performance
- PoE-powered with PoE pass-through LAN port for powering downstream devices
- Toolless installation with universal wall mount options





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## What's in the box

### Package Content:

- RAP750W-311A Access Point
- Mounting Brackets (Over-the-Socket + Generic)
- Screw and anchor set
- Quick Start Guide
- Regulatory & Compliance Documentation



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