WF-710G2

OpenSync™ Wi-Fi 7 Desktop Access Point

Overview

The Actiontec DeskPod Ultra WF-710G2 is a tri-band Wi-Fi 7 desktop access point designed to help service providers deliver high-performance multi-gig experiences without overcomplicating deployment. Built on advanced 802.11be technology, the WF-710G2 supports approximately 10 Gbps aggregate wireless throughput across the 2.4 GHz, 5 GHz, and 6 GHz bands, with MLO enabling connected devices to make more efficient use of available spectrum for faster, more reliable in-home performance.

With dual 10 GbE WAN/LAN ports, the WF-710G2 helps eliminate wired bottlenecks and provides a strong foundation for today's bandwidth-intensive homes and small businesses. Its tri-band architecture supports growing device density, demanding applications, and next-generation service tiers, making it a practical, cost-effective choice for scalable deployments.

More than a device, the WF-710G2 is built to support a platform-driven Wi-Fi strategy. Integrated with OpenSync™ and the Plume Cloud, it enables zero-touch provisioning, real-time network visibility, subscriber insights, and AI-driven optimization through Plume HomePass and WorkPass.

Key Features

- **Wi-Fi 7 (802.11be) tri-band —** 10 Gbps aggregate throughput
- **5 GHz & 6 GHz 4×4 MIMO** for maximum spectral efficiency
- **6 GHz up to 320 MHz** + Multi-Link Operation (MLO)
- **Dual 10 GbE WAN/LAN —** no wired bottleneck
- **OpenSync™ certified —** Plume Wi-Fi 7 ecosystem
- **4K/8K streaming +** cloud gaming & VR/AR ready
- **WPA2/WPA3 PSK +** Cloud Antivirus security
- **BLE 5.1** for zero-touch device onboarding
- **Desktop form factor —** no bracket required
- **Zero-touch provisioning** via Plume mobile app
- **Multi-color LED** status indicator
- **HomePass & WorkPass:** AI-driven self-healing mesh

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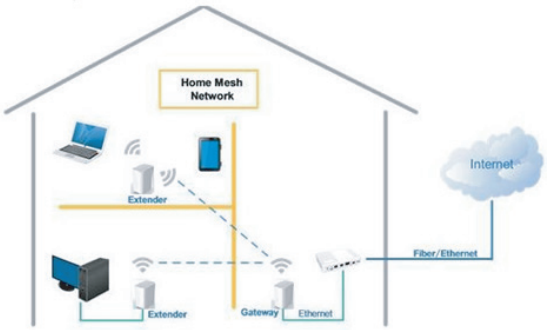
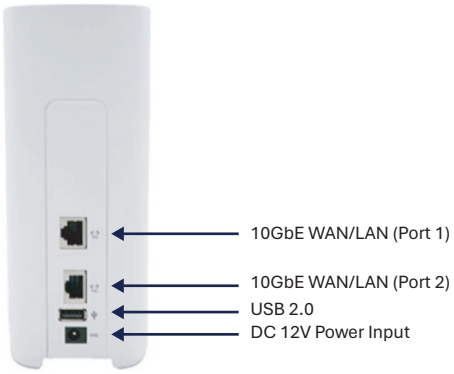
Configuration Scenario



Back Panel Connections



Features

CATEGORY	FEATURES
Network	**Bridge Mode:** DHCP Client; Wi-Fi or Ethernet backhaul (2.4G/5G/6G)
	Router Mode: IPv4/IPv6, NAT, DHCP, DNS, Reservation, UPnP, Port Forwarding
	Multicast: IGMP Snooping/Proxy (IPTV / VoD optimization)
Wi-Fi	**Bands:** 2.4G 20/40MHz • 5G 20–160MHz • 6G 20–320MHz **Standards:** 802.11k/v/r, Band Steering, DFS, Channel Scan **Security:** WPA2/WPA3 PSK; uAPSD
Cloud	**Plume Cloud:** Zero-touch provisioning, AI optimization, real-time analytics
	App Controls: SSID config, client freeze, firmware OTA, antivirus
LED Status	**Solid Green:** Powered on **Blinking Blue:** Connecting to Plume Cloud **Off:** Connected (normal operation)

Hardware Specifications

ITEM	SPECIFICATION
Dimensions	190 × 138 × 80 mm
Weight	650 g (1.43 lbs)
Installation	Desktop (horizontal); no bracket required
Ethernet	2× 10 GbE RJ45 auto-sensing WAN/LAN
USB	1× USB 2.0
Power	12 V/2.5 A DC; 36 W avg (adapter included; no PoE)
Memory	256 MB NAND Flash + 1 GB DDR4
Bluetooth	BLE 5.1
IP Rating	IP30 (dustproof front panel)
Operating Temp	-5°C to +40°C (23°F to 104°F)
Humidity	5%–95% RH, non-condensing
MTBF	>300,000 hours (Telcordia SR-332)
Regulatory	FCC (US), ETL (NA), CE (EU), RoHS 2011/65/EU

Model Information

MODEL #	DESCRIPTION	SOFTWARE
WF-710G2	DeskPod Ultra — Wi-Fi 7 Tri-Band Desktop AP, OpenSync™, 2×10GbE WAN/LAN, 1GB DDR4, 256MB NAND, BLE 5.1	OpenSync™
WF-710G2-3PK	Three-Unit Mesh Starter Kit (1 Gateway + 2 Extenders)	OpenSync™

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DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2. 1077(a)

The following equipment:
Product Name: Wi-Fi 7 DeskPod AP
Trade Name: Actiontec
Model Number: WF-710G2
It's herewith confirmed to comply with the requirements of FCC Part 15 Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Measurements were performed at MRT Technology (Suzhou) Co., Ltd located in D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China . MRT Technology (Suzhou) Co., Ltd facility is an FCC registered (Reg. No. CN1166) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film. (Report No.: E25S1041118-U101)
It is understood that each unit marketed is identical to the device as tested, and any changes to the device that could adversely affect the emission characteristics will require retest.
The following importer / manufacturer is responsible for this declaration:
Company Name: Actiontec Electronics Inc.
Company Address: 2445 Augustine Drive Suite 501, Santa Clara, California 95054, United States

Person is responsible for marking this declaration:

Liu Zhe	Product Manager
Name (Full name)	Position / Title:
Jun 30, 2026	zhe Liu
Date	Legal Signature: