

FWAX50

Desktop 5G FWA CPE with AX3000 Wi-Fi 6, two Gigabit ports and Nano SIM.

FWA CPE | Reference 1.0 | 2026-09-06 | Reference specification - confirm the ordered hardware configuration.

Radio and wireless

Cellular standard	5G 3GPP Release 15; NSA and SA operation
Peak cellular rate	Up to 2.6 Gbps downlink in NSA; up to 2.0 Gbps in SA
Peak cellular uplink	Up to 650 Mbps in NSA; up to 1.0 Gbps in SA
LTE fallback	LTE Cat. 12 downlink / Cat. 13 uplink
Cellular features	100 MHz bandwidth; 5G + 4G dual connectivity; downlink 4 x 4 MIMO
Regional bands	5G and LTE band set varies by regional version
SIM	1 x Nano SIM; eSIM optional for ISP configurations
Cellular antennas	6 x internal antennas; 2 x SMA connectors on customized versions
Wi-Fi standard	Dual-band Wi-Fi 6
Wi-Fi speed	Up to 574 Mbps at 2.4 GHz; up to 2402 Mbps at 5 GHz
Wi-Fi capacity	Up to 256 clients; 100 recommended
Wi-Fi security	WPA, WPA2 and WPA3

Interfaces

Ethernet	2 x Gigabit RJ45; 1 x WAN/LAN configurable
Voice	Optional 1 x RJ11 (VoNR / VoLTE)

Platform and functions

Processor	1.3 GHz dual-core Arm Cortex-A53
Memory	128 MB NAND flash; 512 MB DDR3L RAM

FWAX50 / Specifications

Power and mechanical

Power input	12 V DC / 1.5 A
Max power consumption	13.2 W
Installation	Desktop
Dimensions	116 mm diameter x 202 mm high

Environment and compliance

Operating temperature	0 °C to 40 °C
Storage temperature	-40 °C to 70 °C
Operating humidity	10% to 90%, non-condensing
Storage humidity	5% to 90%, non-condensing
Certifications	FCC, CE

Regional bands, RJ11 voice, eSIM and external-antenna options depend on the ordered configuration.

Confirm the model, hardware version and supplied accessories before ordering.