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RP582B
Tri-Band WiFi 6 Router/ Extender

Overview

Designed to bring WiFi 6 connectivity to every room in the home, our tri-band WiFi 6 router/extender is a cost effective and performance-optimized solution.
The desktop design offers better coverage with enhanced antenna performance over that of a plug design.
RP582B can function as a router or extender and comes with OpenSync TM technology out-of-the-box.

Plume· OpenSync·

Highlights

Powerful WiFi 6 coverage throughout the home
Flexible Router and Extender software
Improved performance over plug form factors

 o Better antenna isolation
 o Higher gain antennas

Cost effective sleek, serviceable desktop design
OpenSync™ certification planned for launch

Mid Cover WiFi Board Fan5010 Main Board

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Technical Specifications

Hardware		WiFi	
CPU	BCM6756	WiFi Technology	IEEE 802.11a/b/g/n/ac/ax WiFi 6
Flash	256MB SPI NAND	Supported Channels	2.4GHz: 1-13 5GHz: 36-48, 52-64 5GHz: 100-144, 149-165
RAM	512MB DDR4	Channel Bandwidth	2.4GHz: 20, 40MHz 5GHz: 20, 40, 80, 160MHz 5GHz: 20, 40, 80MHz
2.4GHz WiFi	2x2	Spatial Streams	2 SU-MIMO 4 MU-MIMO 2 MU-MIMO
5GHz-L WiFi	4x4	WiFi Security	WPA2 WPA3
5GHz-H WiFi	2x2	**Interfaces**	
LED	Multi-color	Ethernet	1*2.5GE 1*1GE
Antennas	6 Internal Antennas	Buttons	WPS Reset
Power Adapter	12V/ 2.5A	**Firmware**	
ID Type	Desktop	OpenSync Router/Extender	
Dimensions	65 x 121 x 174mm	**Certifications**	
		802.11a/b/g/n/ac/ax WPA2/3 FCC/IC UL	

Dimensions

65mm   121mm   174mm