AMPLIFI™
ALIEN

DATASHEET



AmpliFi™ Alien Wi-Fi System

Model: AFi-ALN-R

Wi-Fi 6 (802.11ax) Performance

Mesh Technology

Perfected User Experience

LABS

AMPLIFI™ ALIEN

The Fastest Whole-Home Wi-Fi

AmpliFi Alien is optimized for lag-free, low-latency performance at top Wi-Fi 6 wireless speeds. It features a tri-band radio with 4x4 2.4 GHz and 8x8 5 GHz 802.11ax radios optimized for Wi-Fi 6 performance and backwards compatibility with previous Wi-Fi standards. The third radio (4x4) can be enabled to enhance performance of 5 GHz Wi-Fi 5 devices.

Beyond the breakthrough Wi-Fi performance, AmpliFi Alien offers all of the software features praised by the growing AmpliFi user-base including simple setup, powerful connected device management, and a free, zero-configuration VPN service through the AmpliFi Teleport app that places travelers within their home network like they never left.

- Wi-Fi 6
- IPV6 Support
- Device Statistics
- Isolated Guest Network
- Built-In Speed Test
- Family Profiles
- Port Forwarding
- Additional SSID
- UPnP



Hardware Features





AMPLIFI™ ALIEN

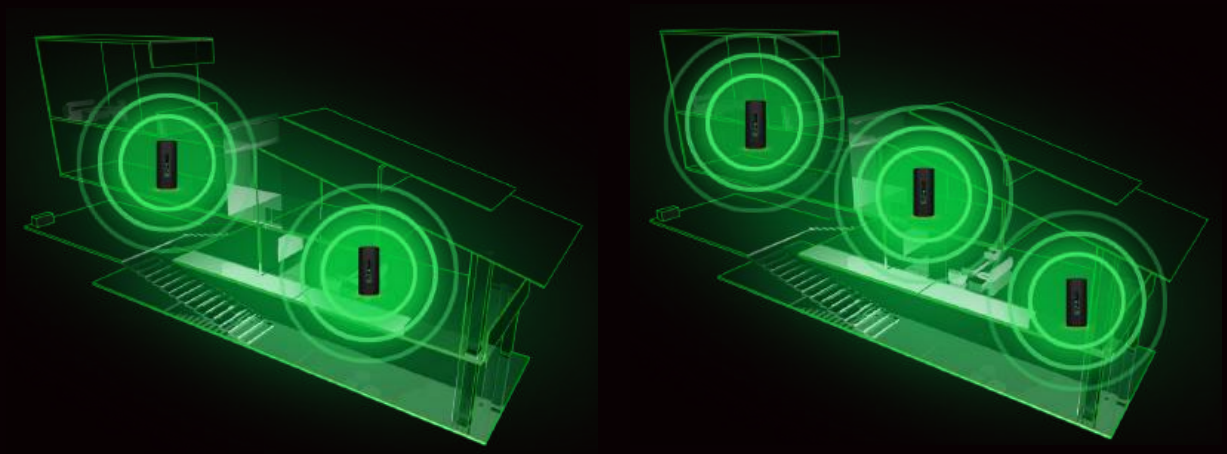
Router

Model: AFi-ALN-R

AmpliFi Alien is designed to be showcased in your home. It features a touchscreen display for connectivity information and includes 4 Gigabit Ethernet ports and 1 Internet port. Powered by 8x8 MIMO Wi-Fi 6 Technology, a single AmpliFi Alien router performs with far greater range and speeds than previous Wi-Fi solutions. Additional AmpliFi Alien Routers can be meshed together to extend Gigabit speeds throughout even the largest homes. In addition to the expanded Wi-Fi coverage, you'll have 4 additional LAN ports for use to connect wired devices at each location.



Usage Examples



Mesh and Mesh Multi-Hop
Requires Additional Router(s)

Specifications

Dimensions	110 x 110 x 250 mm (4.33 x 4.33 x 9.84")
Weight	1.2 kg (2.65 lb)
Max. TX Power	2.4 GHz: 23 dBm per chain, 5 GHz 19 dBm per chain (low band)/ 20 dBm per chain (high band)
MIMO	2.4 GHz: 4x4 5 GHz: 4x4 (low-band) + 8x8 (high band)
Speed	2.4 GHz: 1148 Mbps, 5 GHz: 1733 Mbps (low band)/ 4804 Mbps (high band)
Networking Interface	Wi-Fi/Gigabit Ethernet (1) WAN, (4) LAN
Max. Power Consumption	35W
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Internal Dual-Band Metal Stamp with 12 Polarity
Display	110.38 mm (4.7") Diagonal, 274 x 1268, 279 ppi, G+F Touch, Full Color
Wi-Fi Standards	Up to Wi-Fi 6
Wi-Fi Functions	MU-MIMO, OFDMA, Tx-Beamforming
Power Save	Supported
Wireless Security	WPA2
Operating Temperature	14 to 113° F (-10 to 45° C)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC / IC



Maximum Supported Data Rates

802.11a	54 Mbps
802.11b	11 Mbps
802.11g	54 Mbps
802.11n	600 Mbps + 600 Mbps
802.11ac	1733 Mbps + 3466 Mbps
802.11ax (Available to Clients)	1148 Mbps + 4804 Mbps

Operating Frequency

US/CA	2412 - 2462	
	U-NII-1 5150 - 5250	U-NII-3 5725 - 5850

Perfected User Experience

The intuitive AmpliFi app allows instant setup, configuration, powerful reporting metrics, parental controls, remote access, and easy guest access. The mobile app is available for download on Android and iOS smartphones.

Download on the App Store

ANDROID APP ON Google Play





24/7 Live Global Chat Support

in the AmpliFi app or at help.amplifi.com

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty
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