

AMPLIFI™

HOME WI-FI PERFECTED™



AmpliFi Router and Extender Kits

Models: AFi, AFi-LR, AFi-HD

Turbocharged 802.11ac Wi-Fi

Wireless Extenders with Super Antennas

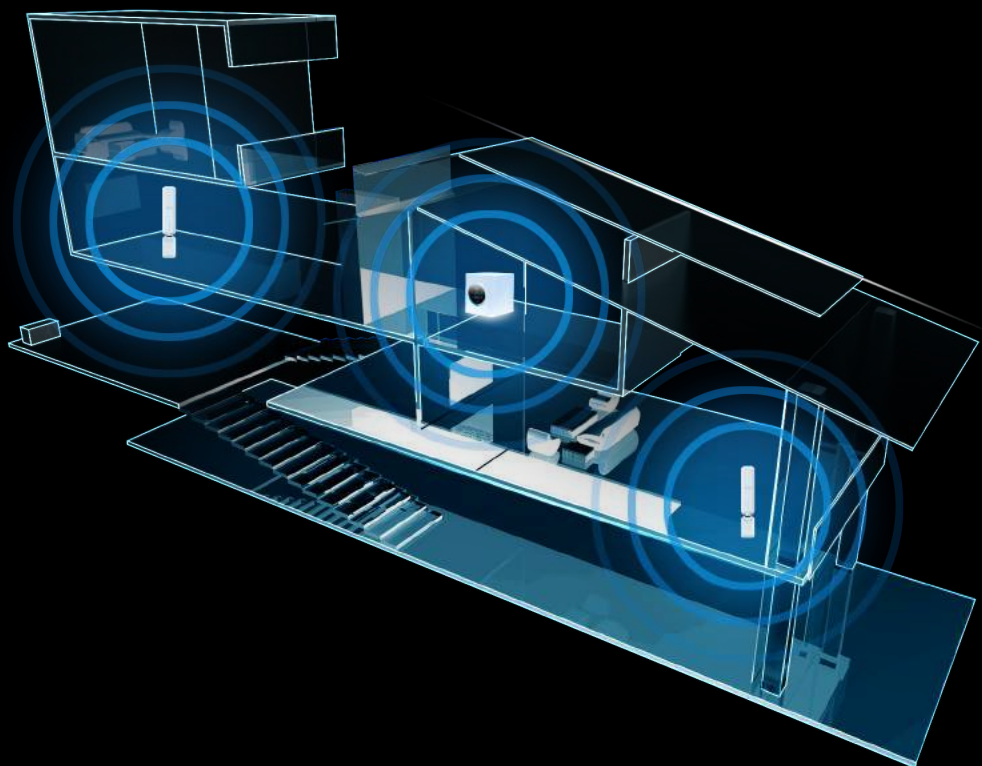
Perfected User Experience





Not Just a Wi-Fi Router, It's a Wi-Fi System

AmpliFi[™] is more than a common home router: it's the ultimate Wi-Fi system. With turbocharged 802.11AC Wi-Fi, AmpliFi utilizes multiple self-configuring radios and advanced antenna technology to bring ubiquitous Wi-Fi coverage to any home.



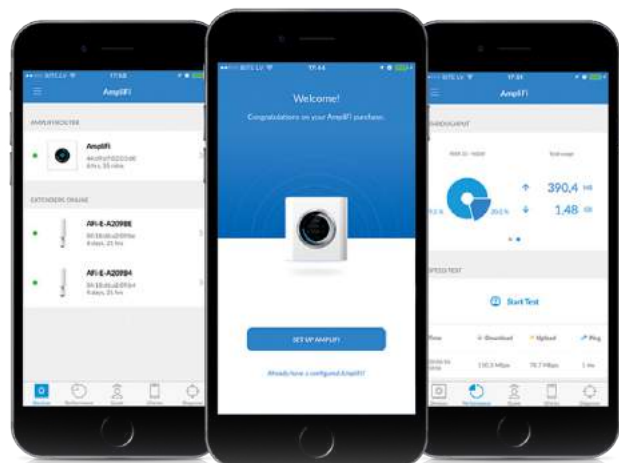


Your Wi-Fi Router is No Longer Something to Hide

Designed from the outside in, AmpliFi is meant to be a showcase piece for the modern home.

Perfected User Experience

One intuitive app allows instant setup, powerful reporting metrics, and easy guest access. Out of the box, the AmpliFi router and extenders are pre-paired to work seamlessly as a Wi-Fi system. The smart touchscreen display combined with the Bluetooth capabilities of the router provide an instant setup experience using any Android or iOS smartphone.



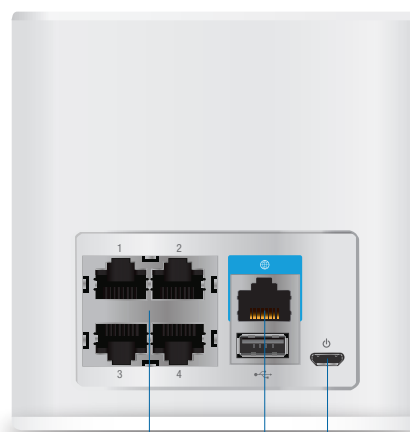
Hardware Overview

Router



Touchscreen
Display

LED

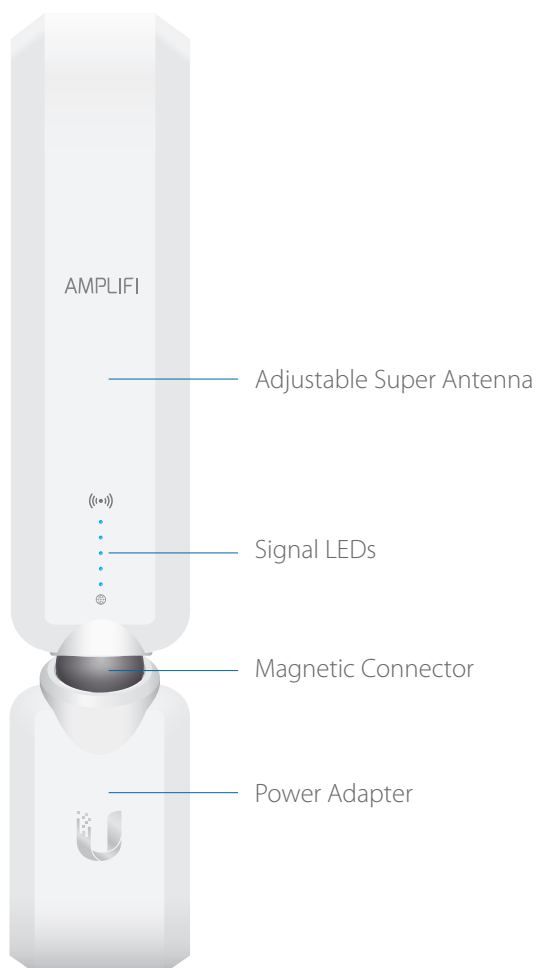


Gigabit
LAN Ports

WAN
Port

Power
Port

Extenders

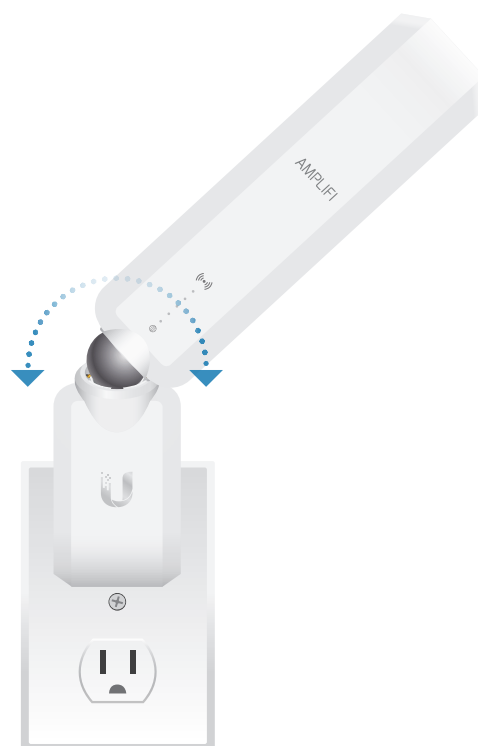


Adjustable Super Antenna

Signal LEDs

Magnetic Connector

Power Adapter



Adjust the Super Antenna
for optimal signal reception

AMPLIFI™

The AmpliFi Router and Extender Kit (model: AFi) includes a router base station and two wireless extenders for Wi-Fi coverage throughout your home. It provides powerful wireless performance in an innovative and elegant design. The router features an intuitive touchscreen display and the extenders feature a unique adjustable Super Antenna.



AMPLIFI™ LR

The AmpliFi LR (Long Range) Router and Extender Kit (model: AFi-LR) includes a router base station and two wireless LR extenders for Wi-Fi coverage throughout your home. The LR Kit provides longer-range wireless performance in an innovative and elegant design. The router features an intuitive touchscreen display and the extenders feature a unique adjustable Super Antenna.



AMPLIFI™ HD

The AmpliFi HD (High Density) Router and Extender Kit (model: AFi-HD) includes a router base station and two wireless HD extenders for ultimate Wi-Fi performance and coverage throughout your home. The HD Kit provides maximum wireless performance in an innovative and elegant design. The router features an intuitive touchscreen display and the extenders feature a unique adjustable Super Antenna.





Router Specifications

AMPLIFI [®] ROUTER	
Dimensions	3.91 x 3.85 x 3.92" (99.5 x 97.8 x 99.6 mm)
Weight	14.46 oz (410 g)
Enclosure Characteristics	Plastic (PC)
Management Interface	Ethernet or Wi-Fi
Networking Interface	Wi-Fi/Gigabit Ethernet (1) WAN, (4) LAN
Max. Power Consumption	11W
Power Method	9V USB
Power Supply	9V, 1.7A USB Adapter
Supported Power Voltage	9V \pm 10%
ESD/EMP Protection	\pm 24kV Air/Contact
Buttons	(1) Reset to Defaults
Antennas	(1) Dual-Band Antenna, Tri-Polarity
LEDs	White LED
Display	1.6" (40.6 mm) Diagonal, 240 x 240, 212 ppi, G+F Touch, Full Color
Wi-Fi Standards	802.11b/g/a/n/ac
MIMO	3x3
2.4 GHz Speed	450 Mbps
5 GHz Speed	1300 Mbps
Power Save	Supported
Wireless Security	WPA2-PSK AES/TKIP
Operating Temperature	14 to 131° F (-10 to 55° C)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC / CE / IC

Model	Standard	LR	HD
Max. TX Power	24 dBm	26 dBm	26 dBm

Supported Data Rates (Mbps)	
802.11ac	13 Mbps to 1300 Mbps (MCS0 - MCS9, VHT 20/40/80)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps



Extend Your Wi-Fi Coverage

The AmpliFi Kit includes two extenders, and you can add more if needed. The extenders fit discreetly in any household, wherever dead spots need coverage. Signal strength LEDs are integrated into the extender design to ensure the system is positioned for optimal performance.

Extender Specifications

AMPLIFI [®] EXTENDER	
Base Dimensions	1.65 x 3.02 x 1.04" (42 x 76.7 x 26.5 mm)
Body Dimensions	1.81 x 7.05 x 1.06" (46 x 179 x 27 mm)
Base Weight	3.52 oz (100 g)
Body Weight	3.70 oz (105 g)
Enclosure Characteristics	White Color PC Material with Soft Touch Paint
Management Interface	Wi-Fi
Networking Interface	Wi-Fi, BLE 4.0
Max. Power Consumption	7W
Power Method	AC Input
Power Supply	9V, 1.5A
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Dual-Band Antenna
LEDs	5 Blue LEDs (Link/Signal Strength 1-4)
Power Save	Supported
Wireless Security	WPA2-PSK AES/TKIP
Operating Temperature	14 to 131° F (-10 to 55° C)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC / CE / IC

Model	Standard	LR	HD
Max. TX Power	22 dBm	24 dBm	26 dBm
MIMO	2x2	2x2	3x3
2.4 GHz Speeds	300 Mbps	300 Mbps	450 Mbps
5 GHz Speeds	300 Mbps	300 Mbps	1300 Mbps
Wi-Fi Standards	802.11b/g/a/n	802.11b/g/a/n	802.11b/g/a/n/ac

Supported Data Rates (Mbps)	
802.11ac*	6.5 Mbps to 1300 Mbps (MCS0 - MCS9 NSS1/2/3, VHT 20/40/80)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps

* Only supported on HD Extenders



Guest Access Simplified

AmpliFi utilizes an *open time window* concept to allow instant guest access without the security compromise and inconvenience of password sharing.



24/7 Live Global Chat Support

24/7 Live Global Chat Support within the AmpliFi app and also online 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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