DATASHEET

AMPLIFI™

FASTER, WHOLE-HOME WI-FI™

AmpliFi™ Home Wi-Fi System

Models: AFi-HD, AFi-R, AFi-P-HD

Turbocharged 802.11ac Wi-Fi

Complete Home Wi-Fi System

Perfected User Experience

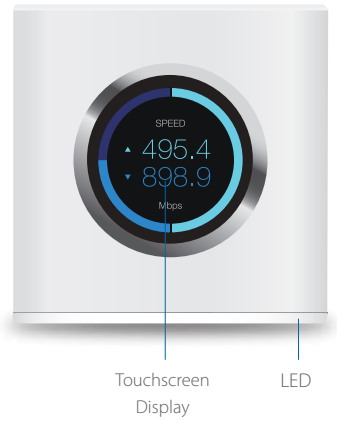
LABS

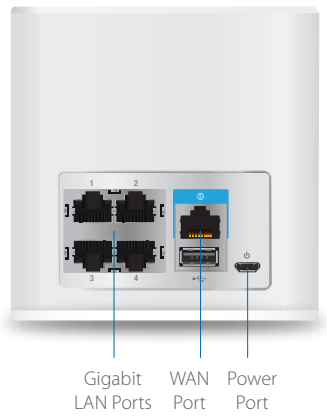
AMPLIFI™

Overview

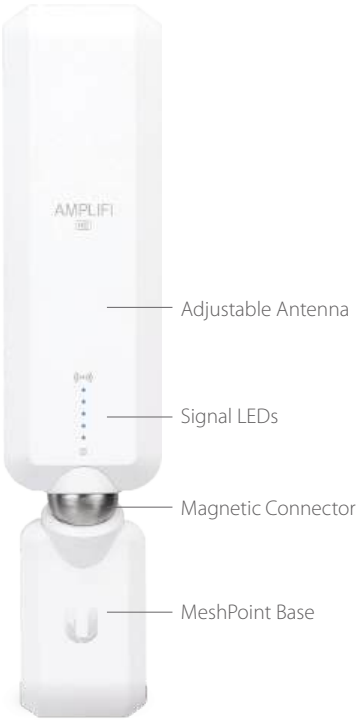
AmpliFi Routers and MeshPoints are designed to work in combination to eliminate any dead spots in your home. They utilize mesh technology to provide powerful wireless performance in an innovative and simple design. The Router features an intuitive touchscreen display and the MeshPoints display wireless signal performance.

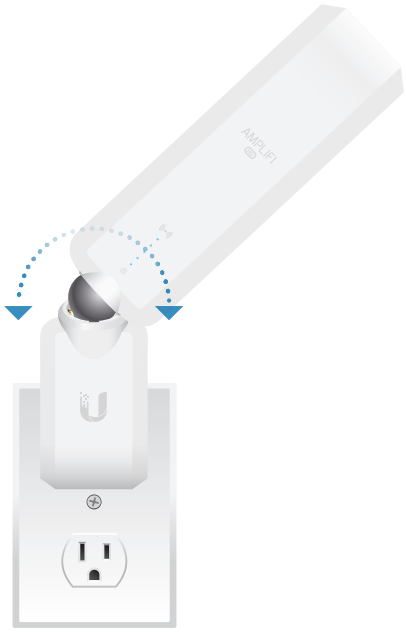
Router





MeshPoint





Adjust the Antenna for optimal signal reception

MESH WI-FI SYSTEM

Model: AFi-HD

The AmpliFi HD (High Density) Mesh Wi-Fi System includes an AmpliFi Mesh Router and two wireless MeshPoints. It combines deployment flexibility and maximum Wi-Fi coverage for your home.

MESH ROUTER

Model: AFi-R

The AmpliFi HD (High Density) Mesh Router takes advantage of AmpliFi's powerful performance and software features. Optionally, you can connect additional AmpliFi Mesh Routers or AmpliFi MeshPoints to expand range coverage.

MESHPOINT

Model: AFi-P-HD

The AmpliFi HD (High Density) MeshPoint features an adjustable super antenna. It can be used to expand the coverage of an AmpliFi Mesh System or turn an existing router or Wi-Fi cablebox into a powerful mesh network.

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.

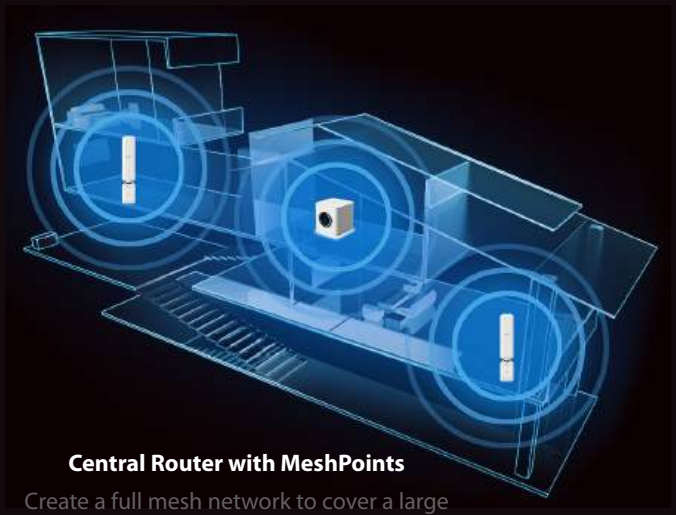
System Specifications

Max. TX Power	26 dBm
Radios	6
MIMO Chains	18
Speed	5.25 Gbps

Supported Data Rates

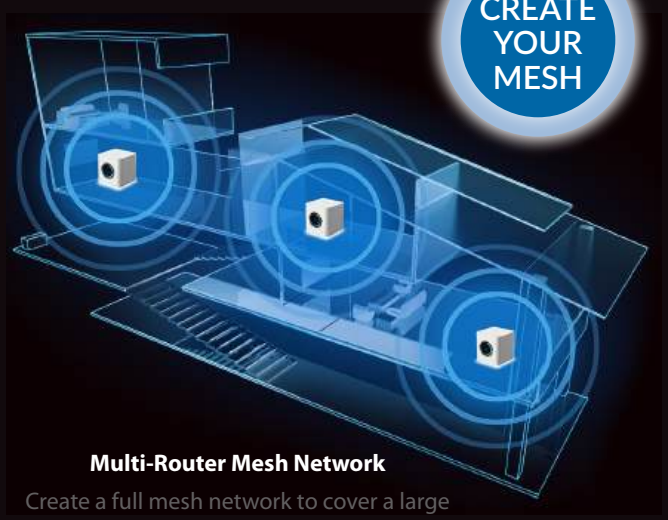
802.11ac	13 Mbps to 1300 Mbps (MCS0 - MCS9, VHT 20/40/80)
802.11n	6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps

Wi-Fi System Usage Examples



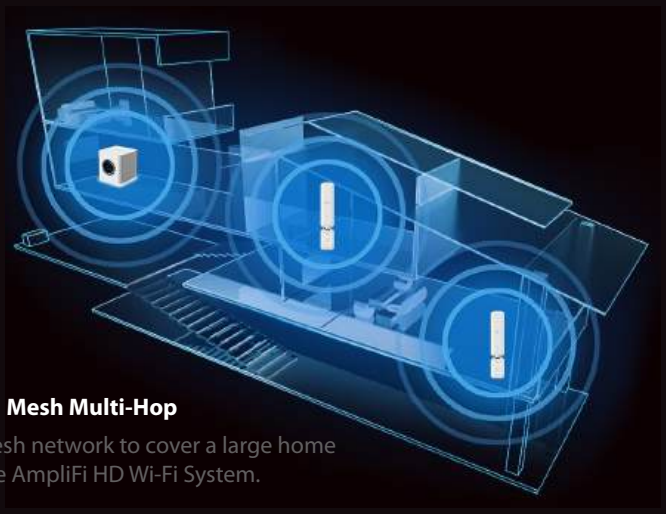
Central Router with MeshPoints

Create a full mesh network to cover a large home with the AmpliFi HD Wi-Fi System.



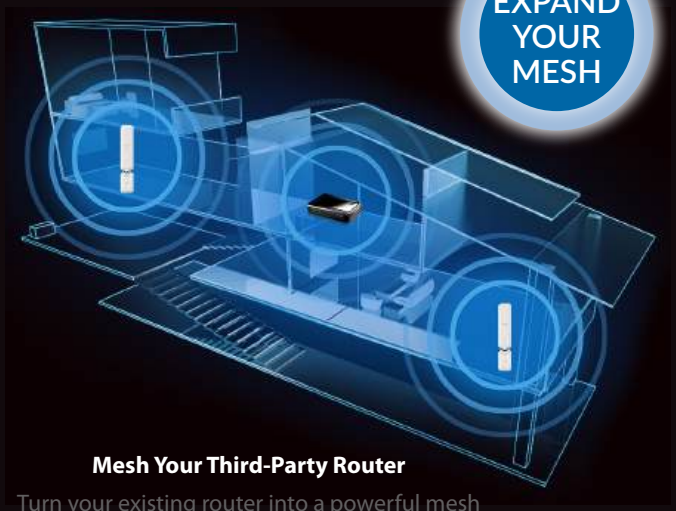
Multi-Router Mesh Network

Create a full mesh network to cover a large home with the Mesh Router Wi-Fi System.



Mesh Multi-Hop

Create a full mesh network to cover a large home with the AmpliFi HD Wi-Fi System.



Mesh Your Third-Party Router

Turn your existing router into a powerful mesh network by adding the AFi-P-HD MeshPoints.

AmpliFi Stand-Alone Router

Enjoy Amplifi's ease of use and power with the AFi-R for use in small homes and apartments.

SPEED
495.4
898.9
Mbps

Router Specifications

Dimensions	99.5 x 97.8 x 99.6 mm (3.91 x 3.85 x 3.92")
Weight	410 g (14.46 oz)
Max. TX Power	26 dBm
Radios	2
MIMO Chains	6
Speed	1750 Mbps
Networking Interface	Wi-Fi/Gigabit Ethernet (1) WAN, (4) LAN
Max. Power Consumption	11W
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Dual-Band Antenna, Tri-Polarity
Display	40.6 mm (1.6") Diagonal, 240 x 240, 212 ppi, G+F Touch, Full Color
Wi-Fi Standards	802.11ac
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

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802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps

Wireless, Boosted

The AmpliFi MeshPoint features an adjustable Super Antenna and fits discreetly in any household, wherever dead spots need coverage. Add MeshPoints as needed to an AmpliFi network or turn an ordinary router into a powerful mesh network. Signal strength LEDs are integrated into the design to ensure the system is positioned for optimal performance.

MeshPoint Specifications

Dimensions	243.83 x 54 x 57.75 (9.60 x 2.13 x 2.27")
Weight	224 g (7.90 oz)
Max. TX Power	26 dBm
Radios	2
MIMO Chains	6
Speed	1750 Mbps
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Dual-Band Antenna, Tri-Polarity
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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.

Download on the App Store

ANDROID APP ON Google Play

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.

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

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www.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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