AMPLIFI™
INSTANT

DATASHEET



AmpliFi™ Instant Wi-Fi

Models: AFi-INS, AFi-INS-R

Turbocharged 802.11ac Wi-Fi

Complete Home Wi-Fi System

Perfected User Experience

LABS

DATASHEET

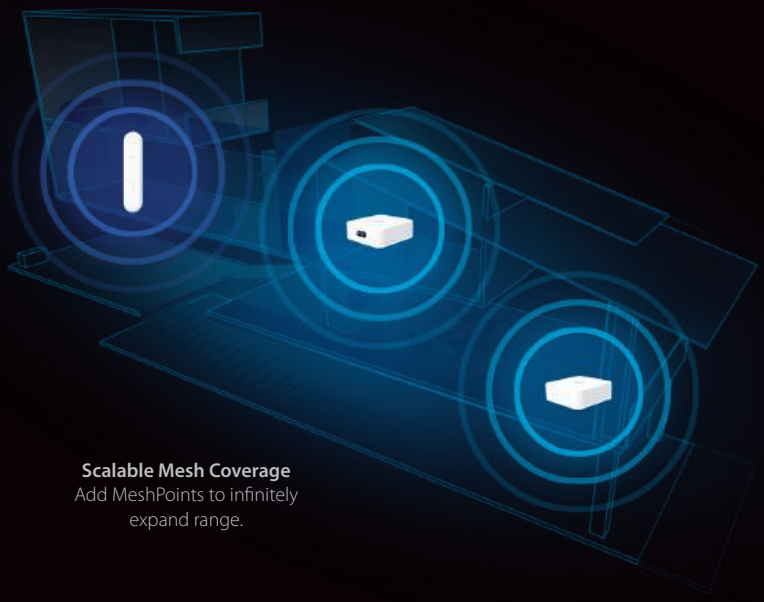
AMPLIFI™ INSTANT

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Faster, Whole-Home Wi-Fi™

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.

With turbocharged 802.11ac Wi-Fi, AmpliFi utilizes multiple self-configuring radios and advanced Wi-Fi antenna technology to bring ubiquitous secure Wi-Fi coverage to any home network. Ensure that your smart TV, wireless security cameras, digital downloads, and streaming devices have the connectivity demanded in today's modern home.

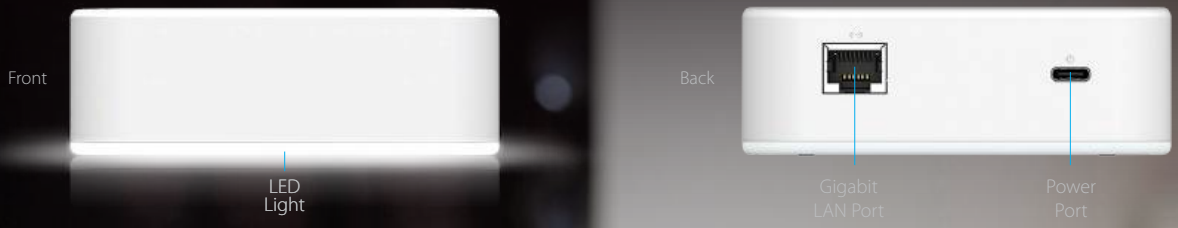


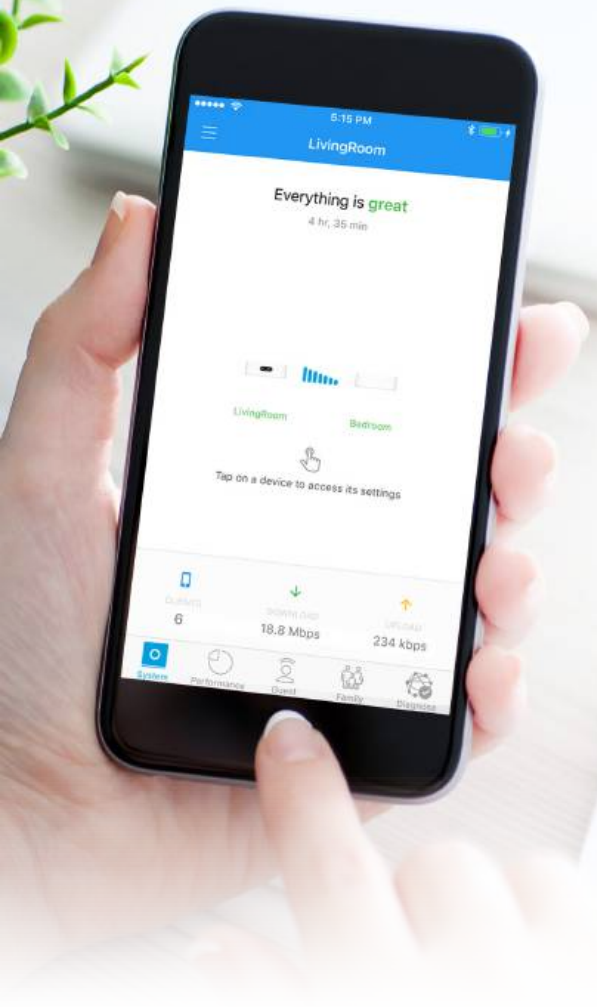
Scalable Mesh Coverage
Add MeshPoints to infinitely expand range.

Router



MeshPoint





Instant Setup

The intuitive, easy-to-use AmpliFi app allows you to set up your system in mere minutes. It also features configuration options, 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

AMPLIFI

GET IT ON Google Play





INSTANT WI-FI SYSTEM

Model: AFi-INS

The AmpliFi Instant Wi-Fi System includes a router with an easy-to-use touchscreen display, 1 Gigabit Ethernet port, a WAN port, an Ethernet cable, and one MeshPoint with an Ethernet port to maximize coverage and eliminate dead zones in your home. The AmpliFi Instant Wi-Fi system provides superior coverage with a range of up to 4,000 sq. ft and quick setup for whole home coverage with seamless Wi-Fi.

INSTANT ROUTER

Model: AFi-INS-R

The AmpliFi Instant Router features an easy-to-use touchscreen display, one Gigabit Ethernet port, a WAN port, and an Ethernet cable. The AmpliFi Router provides excellent coverage for standard-sized homes of approximately 2,000 sq ft. Expand as needed by adding MeshPoints to your mesh Wi-Fi system.

Router Specifications

Dimensions	99.5 x 97.8 x 33.05 mm (3.92 x 3.85 x 1.30")
Weight	215 g (7.58 oz)
Max. TX Power	22 dBm
MIMO	2.4 GHz: 2x2, 5 GHz: 2x2
Speeds	2.4 GHz: 300 Mbps, 5 GHz: 867 Mbps
Networking Interface	Wi-Fi/Gigabit Ethernet (1) WAN, (1) LAN
Max. Power Consumption	9W
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Dual-Band Antenna, Single-Polarity
Display	30.73 mm (1.21") Diagonal, 160 x 64, 142 ppi, Capacitive Touch, Grayscale
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

Supported Data Rates

802.11ac	13 Mbps to 866.7 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



MeshPoint Specifications

Dimensions	99.5 x 97.8 x 33.05 mm (3.92 x 3.85 x 1.30")
Weight	215 g (7.58 oz)
Max. TX Power	22 dBm
MIMO	2.4 GHz: 2x2, 5 GHz: 2x2
Speeds	2.4 GHz: 300 Mbps, 5 GHz: 867 Mbps
Networking Interface	Wi-Fi/Gigabit Ethernet (1) LAN
Max. Power Consumption	9W
ESD/EMP Protection	± 24kV Air/Contact
Buttons	Reset
Antennas	(1) Dual-Band Antenna, Single-Polarity
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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
The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions. ©2018 Ubiquiti Networks, Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, ULabs, the ULabs logo, AmpliFi, and Faster, Whole-Home Wi-Fi are trademarks or registered trademarks of Ubiquiti Networks, Inc. in the United States and in other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Android, Google, Google Play, the Google Play logo and other marks are trademarks of Google LLC. All other trademarks are the property of their respective owners.

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