H550 | RUCKUS H550 Indoor Access Point

Wall-Mounted Wi-Fi 6 2x2:2 Indoor Access Point (AP), Switch and IoT gateway

In hotels, apartment buildings, and other multi-dwelling structures, wireless connectivity can carry a hefty price tag. You need to connect a wide range of wired devices - IPTV set-top boxes, IP phones, networked minibars - IoT devices like smart locks and sensors - while delivering a great wireless experience for guests.

The RUCKUS H550 wall-mounted access point, IoT gateway and Ethernet switch makes it easy to support the most demanding in-room connectivity requirements. It starts with RUCKUS patented Wi-Fi optimization intelligence to deliver the industry's highest-performing wireless connectivity. Combine that with four-ports of Gigabit Ethernet to connect multiple in-room wired devices, without extra cabling and add supports for Zigbee® and Bluetooth® Low Energy, as well as other protocols via optional USB modules. Put it all in a sleek low-profile design that can be discretely installed over a standard electrical outlet.

Deliver the full range of in-room services while dramatically reducing cabling, installation time, and construction costs.

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Product Type	Indoor access point
Product Brand	RUCKUS®

General Specifications

Antenna Patterns, per band	16
Antenna Gain	Up to 1 dBi
BeamFlex	Yes
ChannelFly	Yes
Concurrent Users	512
Controller Support	RUCKUS Cloud™	RUCKUS SmartZone	RUCKUS Unleashed™	RUCKUS ZoneDirector
Ethernet Ports	5 x 1 GbE
IoT Support	IoT Onboard
PD-MRC	Yes
PHY Rate at 2.4 GHz, maximum	574 Mb/s
PHY Rate at 5 GHz, maximum	1200 Mb/s
Radio Chains and Streams	2x2:2
Rx Sensitivity at 2.4 GHz	-100 dBm

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Rx Sensitivity at 5 GHz	-100 dBm
SmartMesh	Yes
USB	USB 2.0
Venue Type	Education	Hospitality
Venue Sub-Type	Guest Rooms	Residence Hall
Wi-Fi Interface Standard	Wi-Fi 6
Wi-Fi Interface Standard at 2.4 GHz	802.11ax
Wi-Fi Interface Standard at 5 GHz	802.11ax

Environmental Specifications

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)

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