

R575 | RUCKUS R575 Indoor Access Point

Base Product



Mid-Tier Wi-Fi 7 2x2:2 Indoor Access Point with 9.3 Gbps max rate and Embedded IoT

The RUCKUS R575 is the Wireless access point organizations have been waiting for to deploy Wi-Fi 7 at scale without the cost typically associated with early-generation technology.

The RUCKUS R575 is a ceiling-mounted Wi-Fi 7 tri-band concurrent indoor access point delivering 6 spatial streams (2x2:2 across 2.4GHz, 5GHz, and 6GHz). Equipped with MultiLink Operation (MLO), Preamble Puncturing, and 4K QAM, it achieves a combined data rate of up to 9.3 Gbps, delivering outstanding wireless performance in even the most demanding environments.

Integrated RUCKUS AI-driven network assurance and optimization continuously improves performance, automates troubleshooting, and reduces operational overhead.

Dual 2.5 Gbps Ethernet uplink ports deliver fast, reliable wired backhaul and can be link aggregated (LAG) to achieve a combined 5 Gbps uplink, unlocking maximum throughput while working seamlessly with your existing multi-gigabit wired infrastructure.

The R575 fits easily into existing network power environments without requiring infrastructure upgrades. Maximum power consumption remains within the 802.3at PoE range, even when all AP capabilities are enabled.

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	4000+
Antenna Gain	Up to 4 dBi
BeamFlex	Yes
ChannelFly	Yes
Concurrent Users	512



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Controller Support	RUCKUS One™ RUCKUS SmartZone RUCKUS Unleashed™
Ethernet Ports	2 x 1/2.5 GbE
IoT Support	IoT Onboard
Number of Radios	Tri-Radio
PD-MRC	Yes
PHY Rate at 2.4 GHz, maximum	689 Mb/s
PHY Rate at 5 GHz, maximum	2882 Mb/s
PHY Rate at 6 GHz, maximum	5765 Mb/s
Combined Max PHY Rate	9340 Mb/s
Radio Chains and Streams	2x2:2
Rx Sensitivity at 2.4 GHz	-97 dBm
Rx Sensitivity at 5 GHz	96 dBm
Rx Sensitivity at 6 GHz	-96 dBm
SmartMesh	Yes
USB	USB 2.0
Venue Type	Education Hospitality MDU Office/Retail
Venue Sub-Type	Classroom Hallways Office Space
Wi-Fi Bands Supported	2.4 GHz 5 GHz 6 GHz
Wi-Fi Generation	Wi-Fi 7
Wi-Fi Interface Standard	IEEE 802.11a/b/g/n/ac/ax/be

Environmental Specifications

Operating Temperature	0 °C to +50 °C (+32 °F to +122 °F)
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