




RUCKUS PRODUCT GUIDE

INDOOR ACCESS POINTS






	R760	R850	R750	R650	R550
					
Feature/Description	High-end 802.11ax 4x4 tri- concurrent AP with MU-MIMO, BeamFlex+ and 10Gbps backhaul	High-end 802.11ax 8x8 dual-concurrent AP with MU-MIMO, BeamFlex+ and 5Gbps backhaul	High-end 802.11ax 4x4 dual-concurrent AP with MU-MIMO, BeamFlex+ and 2.5Gbps backhaul	Mid-range Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+	Mid-range Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+
Maximum PHY rate	4800 Mbps (6GHz) 2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	4800 Mbps (5GHz) 1148 Mbps (2.4GHz)	2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	2400 Mbps (5GHz) 574 (2.4GHz)	1200 Mbps (5GHz) 574 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz, 6GHz) Wi-Fi CERTIFIED 6E™*	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™
Concurrent users	1536	1024	1024	512	512
Radio chains:streams	6GHz: 4x4:4 MU-MIMO 5GHz: 4x4:4 MU-MIMO 2.4GHz: 4x4:4 MU-MIMO	5GHz: 8x8:8 MU-MIMO 2.4GHz: 4x4:4 MU-MIMO	4x4:4	5GHz: 4x4:4 MU-MIMO 2.4GHz: 2x2:2 MU-MIMO	2x2:2
Antenna patterns (per band)	4,000+	4,000+	4,000+	128	64
Antenna gain	Up to 4dbi	Up to 2dbi	Up to 3dbi	Up to 3dbi	Up to 3dbi
PD-MRC	✓	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz/6GHz)	-98/-96/-97dBm	-101dBm	-102dBm	-101dBm	-103dBm
ChannelFly	✓	✓	✓	✓	✓
SmartMesh	✓ *	✓	✓	✓	✓
USB (IoT Ready)	✓	✓	✓	✓	✓
Ethernet ports	1x 10 Gbps 1x 10/100/1000 Mbps	1x 1/2.5/5 Gbps 1x 10/100/1000 Mbps	1x1GbE 1x2.5GbE	1 x 1 GbE 1 x 2.5 GbE	2 x 1GbE
Integrated BLE/ZigBee	✓	✓	✓	✓	✓
WLAN Control and Management	<ul style="list-style-type: none"> • SmartZone • RUCKUS Cloud* 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud

* Target Q4'22

RUCKUS PRODUCT GUIDE

INDOOR ACCESS POINTS



	R350	H550	H350
			
Feature/Description	Entry level Wi-Fi 6 (802.11ax) dual-concurrent AP with BeamFlex+	Wall-mount Wi-Fi 6 (802.11ax) AP dual-concurrent, five GbE ports, IoT gateway, BeamFlex+	Wall-mount Wi-Fi 6 (802.11ax) AP dual-concurrent, three GbE ports, IoT gateway, BeamFlex+
Maximum PHY rate	1200 Mbps (5GHz) 574 Mbps (2.4GHz)	1200 Mbps (5GHz) 574 Mbps (2.4GHz)	1200 Mbps (5GHz) 574 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™
Concurrent users	256	512	512
Radio chains:streams	2x2:2	2x2:2	2x2:2
Antenna patterns (per band)	64	16	16
Antenna gain	Up to 3dBi	Up to 1dBi	Up to 1dBi
PD-MRC	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-101dBm	-100dBm	-100dBm
ChannelFly	✓	✓	✓
SmartMesh	✓	✓	✓
USB (IoT Ready)	✓	✓	—
Ethernet ports	1 x 1GbE	5 x 1GbE	3 x 1GbE
Integrated BLE/ZigBee	—	✓ (concurrent)	✓
WLAN Control and Management	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud









RUCKUS IoT Modules

i100	
Protocol	<ul style="list-style-type: none"> • Zigbee 3.0, BLE, iBeacon, Eddystone (software configurable)
Device Capacity	<ul style="list-style-type: none"> • 25 (Zigbee) • 12 (BLE)
Interfaces	<ul style="list-style-type: none"> • USB 2.0, Type A
Memory	<ul style="list-style-type: none"> • RAM: 256KB • Flash: 1MB
Output Power	<ul style="list-style-type: none"> • 16.5dBm (max)
Power Consumption	<ul style="list-style-type: none"> • 500mW (max)
Current Draw	<ul style="list-style-type: none"> • -100mA on 5V (max)
Mechanical	<ul style="list-style-type: none"> • Dimensions: 47.83 x 18 x 8.25mm • Max weight: 85 grams
Temperature	<ul style="list-style-type: none"> • -40 to 70°C
Certifications	<ul style="list-style-type: none"> • FCC and ETSI

RUCKUS PRODUCT GUIDE

OUTDOOR ACCESS POINTS AND BRIDGES



	T750	T750se	T350c	T350d	T350se	T811-CM
						
Feature/Description	High-end Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+	High-end Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+ and internal sectorized antenna	High-density outdoor AP series 2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 with integrated BeamFlex+ adaptive internal antennas with polarization diversity	High-density outdoor AP series 2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 with integrated BeamFlex+ adaptive internal antennas with polarization diversity	High-density outdoor AP series 2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 with integrated BeamFlex+ adaptive internal sectorized antennas with polarization diversity	Outdoor 4x4:4 2.4/5GHz 802.11ac Wave 2 Wi-Fi access point with DOCSIS 3.1 backhaul
Maximum PHY rate	2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	2.4GHz: 574 Mbps 5GHz: 1200Mbps	2.4GHz: 574 Mbps 5GHz: 1200Mbps	2.4GHz: 574 Mbps 5GHz: 1200Mbps	1733 Mbps (5GHz) 600 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6	2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6	2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6	802.11ac (5GHz) 802.11n (2.4GHz)
Concurrent users	1024	1024	512	512	512	512
Radio chains:streams	4x4:4	4x4:4	2x2:2 (5GHz) + 2x2:2 (2.4GHz)	2x2:2 (5GHz) + 2x2:2 (2.4GHz)	2x2:2 (5GHz) + 2x2:2 (2.4GHz)	4x4:4
Antenna patterns (per band)	4,000+	4,000+	64	64	64	4,000+
Antenna gain	Up to 3dBi	2.4GHz: 6dBi 5Ghz: 8dBi	Up to 3dBi	Up to 3dBi	2.4GHz: 6dBi 5Ghz: 8dBi	Up to 3dBi
PD-MRC	✓	✓	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-103dBm	-103dBm	-101dBm	-101dBm	-101dBm	-98/-97
ChannelFly	✓	✓	✓	✓	✓	✓
SmartMesh	✓	✓	✓	✓	✓	✓
Ethernet interface	1 x 1 GbE 1 x 2.5 GbE	1 x 1 GbE 1 x 2.5 GbE	1x 1GbE	1x 1GbE	1x 1GbE	1 x 1GbE
USB (IoT Ready)	✓	n/a	n/a	✓	✓	✓
Fiber interface	✓	✓	n/a	n/a	n/a	✓
GPS	✓	✓	n/a	n/a	n/a	✓
Integrated BLE/ZigBee	✓	✓	n/a	✓	n/a	n/a
WLAN Control and Management	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Unleashed • RUCKUS Cloud • Standalone 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Unleashed • RUCKUS Cloud • Standalone 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Unleashed • RUCKUS Cloud • Standalone 	<ul style="list-style-type: none"> • SmartZone