

Wi-Fi 6 Outdoor Omnidirectional Access Point AX6000 802.11ax Dual Bands 5.95 Gbps with SFP Fibre Port and 2.5 GbE RG-RAP6260(H)



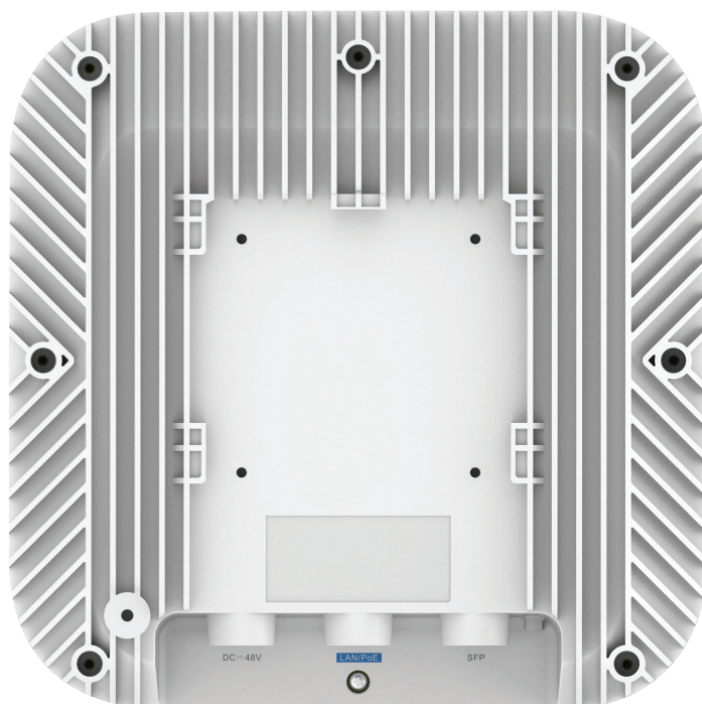
The RG-RAP6260(H) Wi-Fi 6 access point is a high-powered outdoor omnidirectional dual-band access point designed for use in scenarios such as mining camps, caravan parks, town centres, villas, parks, scenic spots, and any other suitable outdoor applications to provide high-speed Wi-Fi to multiple end users. The RG-RAP6260(H) features a 2.5 GbE Base-T port for super high-speed connectivity and an inbuilt GbE SFP fibre port allowing for long-range deployments from the data centre, up to 20km over single mode fibre.

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » Outdoor high-range Wi-Fi 6 (802.11ax) supporting speeds up to 5950 Mbps (Concurrent, high-speed wireless access of 1147 Mbps at 2.4GHz and 4803 Mbps at 5GHz)
- » 2.5 GbE Base-T port for super high-speed connectivity plus a built-in gigabit SFP port supporting up to 20km transmission from the data centre over single-mode fibre for long-range deployment
- » Lifetime free Ruijie Cloud management: Remote fault alarm, one-click optimizing and maintenance on Ruijie Cloud App.
- » The RG-RAP6260(H) supports Layer 2 roaming, Layer 3 roaming 802.11k/v/r
- » IP68 rated and operating temperature of 65°C makes the RG-RAP6260(H) perfect for use in outdoor settings like mining camps, caravan parks, villas, town centres, sports grounds and parks, etc.
- » Compliant with 802.11a/b/g/n/ac/ax Wi-Fi protocols
 - * Power consumption $\leq 40W$, cannot be powered by standard PoE+ switches or Power Inserters. Please use A PoE++ Switch (IEEE 802.3bt compliant RG-NBS53-8M2XS-UP), RG-POE-50-60W-MG Power Inserter or a 48V DC 2 Amp plug pack with 2.1mm x 5.5mm DC jack (centre positive)
- » No cable, no problem, easily install extra APs using Reyee Mesh technology.positive)



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Basic Feature	
Wi-Fi Standards	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
MIMO	2.4GHz, 4x4, MU-MIMO 5GHz, 4x4, MU-MIMO
Max. Wi-Fi Speed	2.4GHz: 1147Mbps 5GHz: 4803Mbps
Antenna	8
Antenna Type	Built-In Omnidirectional
Antenna Gain	2.4GHz: 3dBi 5 GHz: 4dBi
Transmit Power	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP $\leq$ 20 dBm 5470-5725 MHz, EIRP $\leq$ 30 dBm United States: 2400-2483.5 MHz, max output power $\leq$ 30dBm & EIRP $\leq$ 36 dBm 5150-5250 MHz, max output power $\leq$ 30dBm & EIRP $\leq$ 36 dBm 5250-5350 MHz, max output power $\leq$ 24dBm & EIRP $\leq$ 30 dBm 5470-5725 MHz, max output power $\leq$ 24dBm & EIRP $\leq$ 30 dBm 5725-5825 MHz, max output power $\leq$ 30dBm & EIRP $\leq$ 36 dBm Myanmar : 2400-2483.5 MHz, EIRP $\leq$ 23 dBm 5725-5825 MHz, EIRP $\leq$ 30 dBm Thailand: 2.4 GHz to 2.4835 GHz: 20 dBm 5.470 GHz to 5.725 GHz: 30 dBm 5.725 GHz to 5.825 GHz: 30 dBm Indonesia: 2400-2483.5MHz, EIRP $\leq$ 36 dBm 5725-5825MHz, EIRP $\leq$ 36 dBm Egypt: 2400-2483.5 MHz, EIRP $\leq$ 20 dBm 5150-5350 MHz, EIRP $\leq$ 23 dB
	1 x 100/1000/2500 Base-T port 1 x 1GBase-X SFP port 1 x DC port 1 x Reset button
Max. Clients	512
Recommended Clients	130
Max. SSIDs	8
Max. Wi-Fi Coverage Radius	300 meters

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	802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz 802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz country-specific restrictions apply
Software Feature	
WLAN Basic Features	
Power Adjustment	Yes
Frequency Bandwidth	2.4 GHz: Auto/20 MHz/40 MHz 5 GHz: Auto/20 MHz/40 MHz/80 MHz/160 MHz
Roaming	Layer 2 roaming Layer 3 roaming 802.11k/v roaming
OFDMA	Yes
Beamforming	Yes
WMM	Yes
Radar Signal Detection and Frequency Hopping (DFS)	Yes
WLAN Security	
Wi-Fi Password	16 Characters
Security Mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Blacklist and allowlist	Yes
Enhanced User Experience	
Wi-Fi Optimization	Yes
STA Limit	Yes
Removing Low-RSSI STAs	Yes
Adjusting Sending Rate of Beacon and Probe Response	Yes
Syslog Recording Why Users Lose Connection	Yes
Auto Channel and Power Adjustment on Cloud	Yes
RSSI Threshold for STA	
Access	Yes
Load Balancing	Yes
Networks	
Network Access Mode	PPPoE Client DHCP Client Static IP
VLAN	Yes
DHCP Server	Yes
System	
Cloud Management	Yes
APP Management	Yes
APP Upgrade	Yes
APP Restart	Yes
Scheduled Restart	Yes
Default Access/Password	10.44.77.254 The factory status password: admin
Local Upgrade	Yes

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Online Upgrade	Yes
Dual-bin Backup	Yes
Factory Reset	Yes
Language	Chinese English
System Log	Yes
Diagnostics	Yes
Network Check	Yes
Physical	
LED Indicator	1 x System status LED
Buttons	1 x Reset hole
Dimensions (W x D x H)	298mm x 298mm x 65mm (3.39 in. x 3.39 in. x 1.67 in.)
Weight	Main Unit: 3.5 kg Mounting Bracket: 1.35kg
DC Port Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm
Installation	Wall-Mountable/Pole-Mountable
Mounting Bracket Dimensions (W x D x H)	124 mm x 120 mm x 35 mm
Mounting Hole Pattern	65 mm x 105 mm
Mounting Hole Diameter	9 mm
Power Supplies	IEEE 802.3bt PoE DC 48V/1A
Power Consumption	≤ 40W
PoE Power Budget	NA
Environmental	
Storage Temperature	-40°C ~ 85°C
Operating Temperature	-40°C ~ 65°C
Operating Humidity	0% to 100% RH (non-condensing)
Storage Humidity	0% to 100% RH (non-condensing)
Ingress Protection Rating (IP Rating)	IP68
Surge Protection	4kV
MTBF	>400000 hours