

RG-RAP73HD

Reyee Wi-Fi 7 Tri-Band BE19000 Ceiling Access Point

DATASHEET



Highlights

- Tri-Band performance, 6G/320MHz brings extre-high wireless rate
- Better Streaming experience with Wi-Fi 7 exclusive feature MLO
- Increase the high-density access capacity up to 1500
- 4K-QAM, deliever data packs better for higher speeds
- Capable of Enterprise Switch to build PRO Office Network

/ Highlight Features

Wi-Fi 7 BE19000
Up to **18658Mbps**

MLO
8K Ultra HD

6GHz
320MHz
Tri-Band

Huge Capacity
Up to 1500 access

Multiple Ports
1 10GE Port, 1 SFP+

Enter Next-Level Speed Machine, Enjoy True Blazing-Fast Acceleration

Wi-Fi 7 RG-RAP73HD

Wi-Fi 7 Phenomenal Upgrade - 6GHz & MLO
Innovate Business - Optimal Hi-Tech Stream Experience
Exceeding Reliability - Speed & Capacity up, Better throughput lower latency
Emerging Application Scenarios: Real-time collaboration, Cloud/Edge computing, Immersive AR/VR...
Extra-high Performance - 19000Mbps

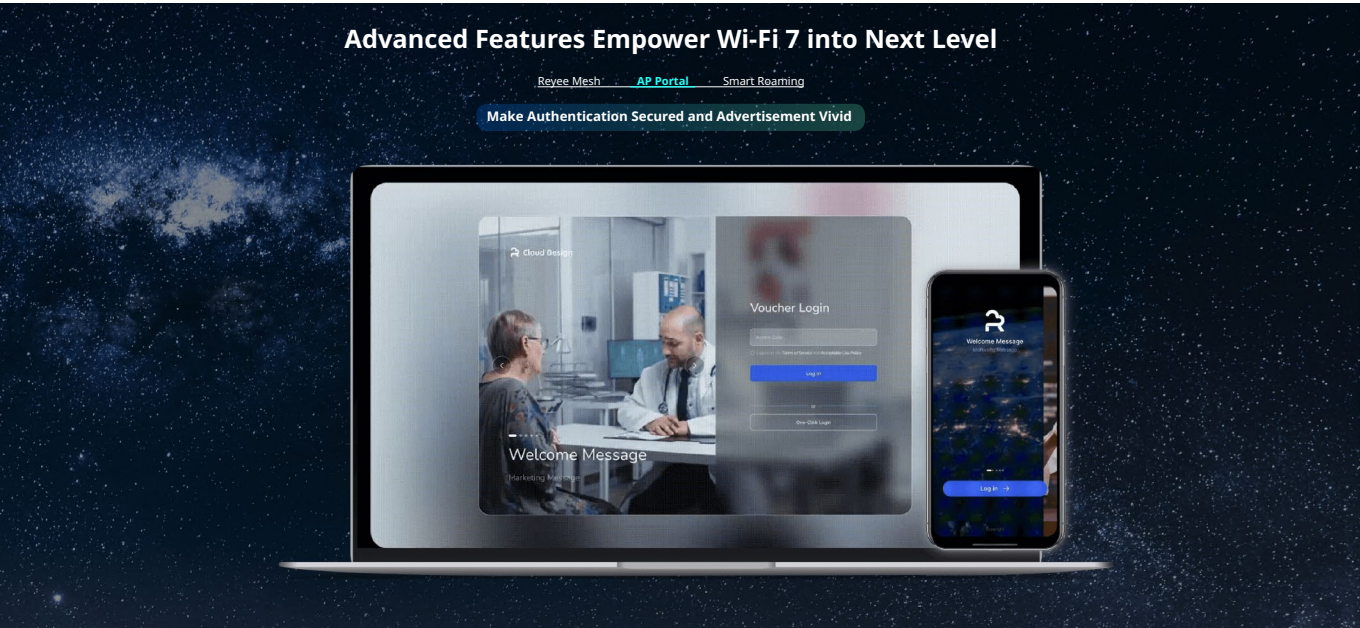
9999 Mbps
OVER

Ultimate High-Quality Streaming, Performance Increased of 20% Powered by MLO

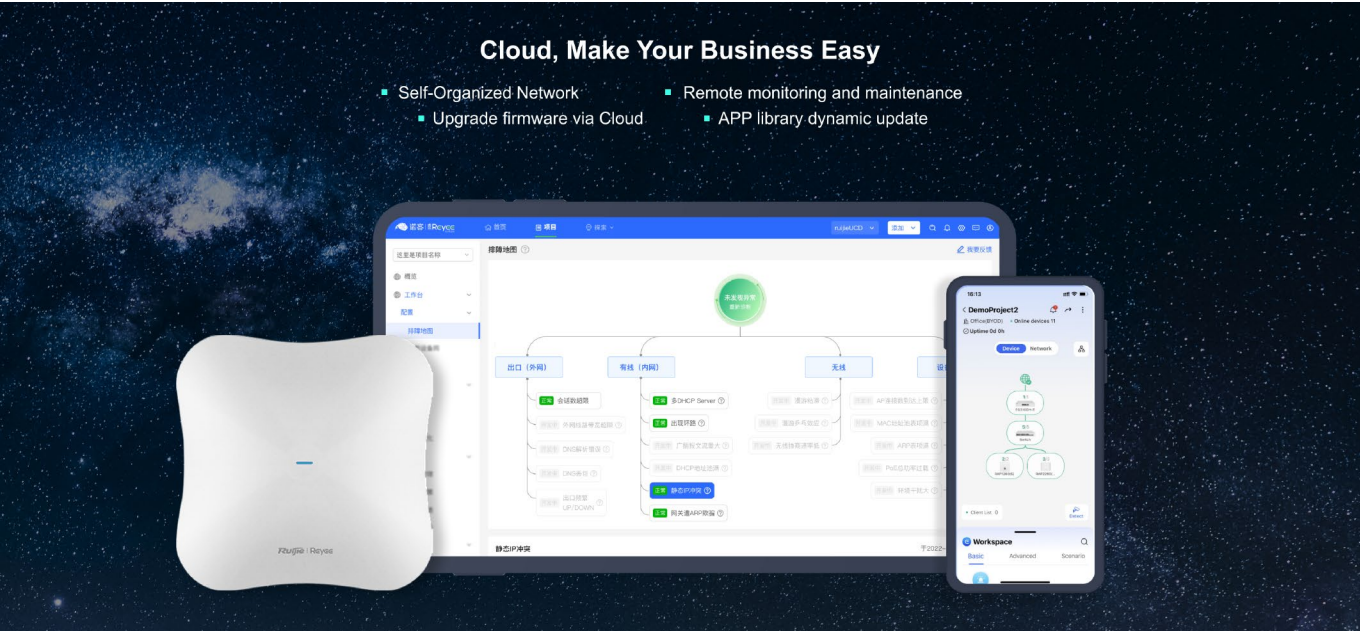
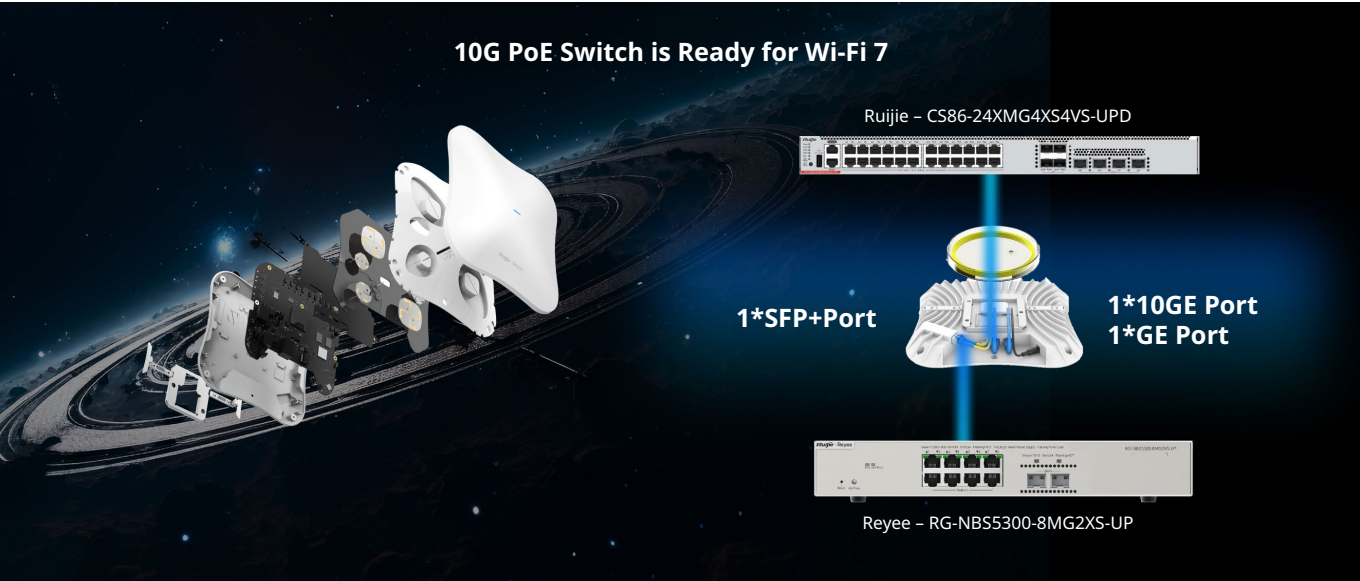
Experience a bustling digital world
No buffering, delay, or congestion for visual

Special Chip Optimal-Design
With **MLO** (Multi-Link Operation)
20% Higher Performance than Others in
High-Streaming Scenario

Highlight Features



Highlight Features



Specifications

| Basic Feature | |
|--|---|
| Wi-Fi Standards | Wi-Fi7(IEEE 802.11be) |
| MIMO | 2.4 GHz,4x4 MIMO 5 GHz,4x4 MIMO 6 GHz,4x4 MIMO |
| Max. Wi-Fi Speed | 2.4 GHz:1376 Mbps 5 GHz:5765 Mbps 6 GHz:11530 Mbps |
| Antenna | 14 (2.4 GHz 4*4, 5 GHz 4*5, 6 GHz 4*5) |
| Antenna Type | Planar inverted-F (PIFA) antennas Antenna gain: 2.4 GHz: 4 dBi; 5 GHz: 6 dBi; 6 GHz: 6 dBi |
| Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP≤ 20 dBm 5150-5350 MHz, EIRP≤ 23 dBm 5470-5725 MHz, EIRP≤ 30 dBm 5945-6425 MHz, EIRP≤ 23 dBm United States: 2400-2483.5 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5150-5250 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5250-5350 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5470-5725 MHz, max output power<24dBm & EIRP ≤ 30 dBm 5725-5825 MHz, max output power≤30dBm & EIRP ≤ 36 dBm 5925-7125 MHz, EIRP≤ 30 dBm Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm 5945-6425 MHz, EIRP≤ 23 dBm | |
| Max. Transmit Power | |
| Service Port | 1 x 100/1000/2.5G/5G/10GBase-T Ethernet port, PoE-capable 1 x 10/100/1000Base-T Ethernet port 1 x 10GBase-X SFP port (The optical transceiver module needs to be purchased separately.) Note: The access point itself does not transmit optical signals. An optical transceiver module must be installed on the access point to convert optical signals into electrical signals. |
| Max. Clients | 512 (2.4 GHz) + 512 (5 GHz) + 512 (6 GHz) =1500 |
| Recommended Clients | 250 |

Specifications

Basic Feature

| | |
|-----------------------------------|--|
| Max. SSIDs | 8 |
| Recommended Wi-Fi Coverage Radius | 2.4 GHz: 40 meters 5 GHz: 70 meters 6 GHz: 70 meters The Wi-Fi coverage is subject to the installation environment of the access point. |
| Max. Wi-Fi Coverage Radius | Max:100 meters |

Software Feature

WLAN Basic Features

| | |
|---|---|
| Power Adjustment | Configurable in increments of 1 dBm High(100%), Medium(75%), Low(50%), Lower(25%) ✓ |
| Layer2 Roaming | ✓ |
| Layer3 Roaming | ✓ |
| OFDMA Subcarrier | ✓ |
| OFDMA, Multiple Access | ✓ |
| Target wake time (TWT)* | ✓ |
| WMM | ✓ |
| Radar Signal Detection and Frequency Hopping(DFS) | ✓ |

WLAN Security

| | |
|------------------|---|
| Wi-Fi Password | 8 to 16 characters |
| Security Mode | WPA-PSK, WPA2-PSK, WPA/WPA2-PSK; WPA3-SAE, WPA2-PSK/WPA3-SAE |
| Static Whitelist | ✓ |
| Static Blacklist | ✓ |

Enhanced User Experience

| | |
|--------------------|---|
| Wi-Fi Optimization | ✓ |
|--------------------|---|

/ Specifications

Software Features

| | |
|---|---|
| STA Limit | SSID-based STA limit , radio-based STA limits |
| Removing Low-RSSI STAs | ✓ |
| Adjusting Sending Rate of Beacon and Probe Response | ✓ |
| Syslog Recording Why Users Lose Connection | ✓ |
| Auto Channel and Power Adjustment on Cloud | ✓ |
| RSSI Threshold for STA Access | ✓ |
| Load Balancing | ✓ |
| Networks | |
| Network Access Mode | PPPoE Client DHCP Client Static IP |
| Avoidance of WAN IP Address Conflicts | ✓ |
| VLAN | Port-based VLAN 802.1Q VLAN |
| DHCP Server | ✓ |
| System | |
| Cloud Management | ✓ |
| APP Management | ✓ |
| APP Upgrade | ✓ |
| APP Restart | ✓ |
| Scheduled Restart | ✓ |

Specifications

Software Features

| | |
|-------------------------|--|
| Default Access/Password | 10.44.77.254 Default password: admin |
| Local Upgrade | ✓ |
| Online Upgrade | ✓ |
| Backup | ✓ |
| Factory Reset | ✓ |
| Language | <div>Chinese</div> <div>English</div> <div>Spanish</div> <div>French</div> <div>Indonesian</div> <div>Thai</div> <div>Russian</div> <div>Turkish</div> <div>German</div> <div>Vietnamese</div> <div>Arabic</div> <div>Note: Spanish, French, Indonesian, Thai, Russian, Turkish, German, Vietnamese, Arabic languages are only supported on R240 and later versions.</div> |
| System Log | ✓ |
| Diagnostics | ✓ |
| Network Check | ✓ |
| Physical | |
| Status LED | One LED (Blue) |
| Buttons | 1 × Reset button |
| Dimensions (W x D x H) | 258 mm × 258 mm × 59.5mm (10.16 in. x 10.16 in. x 2.20 in., without the mounting bracket) |
| Weight | ≤ 2.0 kg (4.41 lbs., without the mounting bracket) |
| DC Port Dimensions | <div>Outer Diameter: 5.5 mm</div> <div>Inner Diameter: 2.1 mm</div> <div>Length: 10 mm</div> |

/ Specifications

Software Features

| | |
|--|---|
| Installation | Ceiling-Mountable |
| Mounting Bracket Dimensions (W × D × H) | 120 mm x 98 mm x 12mm(4.72 in. x 3.86 in. x 0.47 in.) |
| Mounting Hole Pattern | 70mm(2.76 in.) |
| Mounting Hole Diameter | 6.5 mm(1.72 in.) |
| Power Supplies | IEEE 802.3at/bt PoE DC 48V/1.25A |
| Max. Power Consumption | 60 W |
| PoE Power Budget | 60W |
| Environmental | |
| Temperature | Working temperature: 0°C to 40°C (32°F to 104°F) Storage temperature: -40°C to +70°C (-40°F to +158°F) |
| Operating Humidity | Working humidity: 5% RH to 95% RH (non-condensing) |
| Storage Humidity | Storage humidity: 5% RH to 95% RH (non-condensing) |
| IP(Ingress Protection) | IP41 |
| Port Surge | Common mode:2 kV differential mode: 1kV |
| MTBF | > 400000H |



 **R**edefine your **e**asy network

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