



Ruijie Cloud-managed Enterprise Product Catalog

2025

INNOVATION
Beyond Networks

Ruijie

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About Ruijie

First-Class

Chinese
Enterprise-Class
Networking
Vendor

100+ Countries
and Regions
of Business
Coverage



Founded in 2000
8 R&D Centers



8,000+ Employees

20,000+ Channel Partners

No. 1 in China for the
Shipment of Enterprise-Class
Wireless Products
Source: IDC, H1 2024

Inspiring Achievements



Ethernet Switches **Top 3**

- **No. 3** in market share in China for Ethernet switches
(Data source: IDC, H1 2024)
- **No. 1** in market share in China for 200G/400G data center switches
(Data source: IDC, H1 2024)



Wireless Products **No. 1**

- **No. 1** in market share in China for enterprise-class wireless products
(Data source: IDC, H1 2024)



















































Cloud Desktops **No. 1**

- **No. 1** in market share in China for computing cloud clients
(Data source: IDC, H1 2024)
- **No. 1** in market share in China for enterprise-class IDV clients
(Data source: IDC, H1 2024)

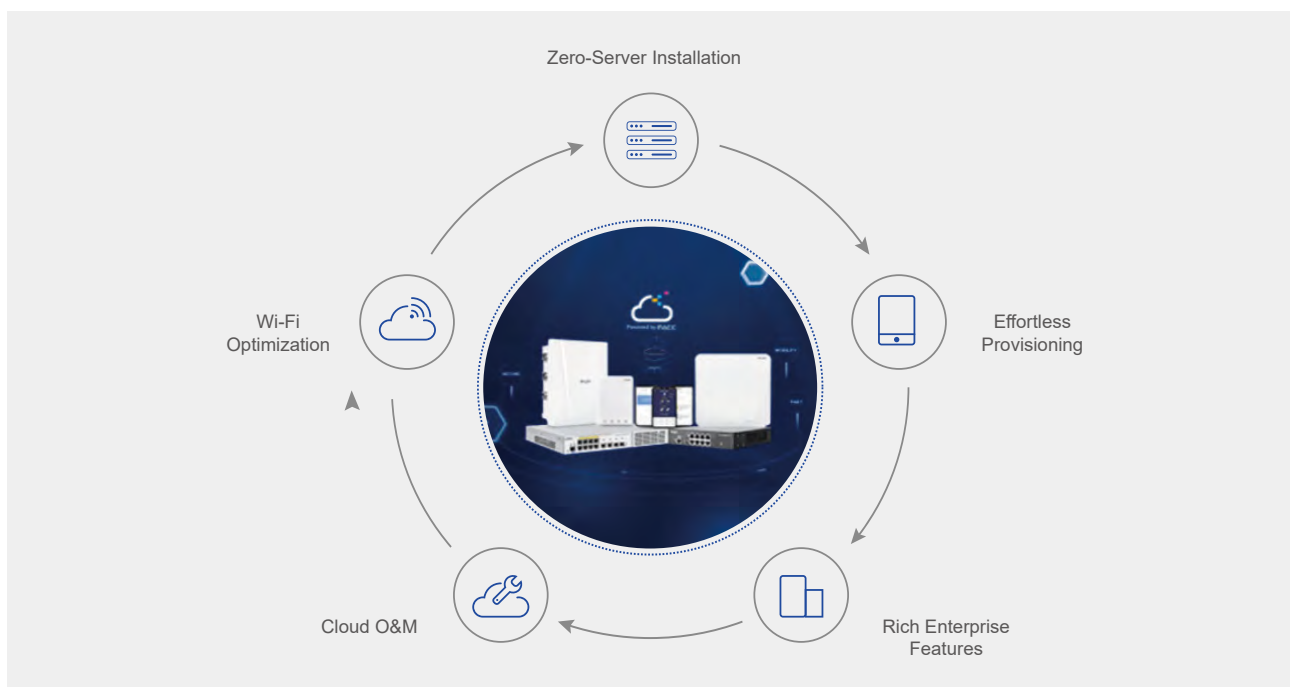
Ruijie Cloud Service

Ruijie Cloud Product Portfolio

| Access Controllers | Ruijie Cloud | | | Ruijie OCE | | | | | | | | | | |
|---|---|---|--|--|---|---|---|--|--|---|--|--|--|---|
|  <p>RG-WS6000 Series</p> <ul style="list-style-type: none"> 224 to 1,152 APs VAC, RADIUS |  <p>LIFETIME FREE</p>  | <ul style="list-style-type: none"> Unified Device Management Cloud Optimization & Analytics Reporting & Compliance |  <ul style="list-style-type: none"> Ruijie Reyee App, Free to Download Mobile Provisioning Mobile Inspection & Optimization Mobile Monitoring & Alarm |  <p>RG-OCE Identity Manager</p>  <p>RG-OCE Network Manager</p> | | | | | | | | | | |
| Cloud Managed Switches | Cloud Managed APs | | | Firewalls | | | | | | | | | | |
|  <p>RG-CS88-08 Modular Core Switch</p>  <p>RG-CS86 Series Full 10GE</p>  <p>RG-CS86 Series Multi-GE</p> <p>RG-NBS5500 Series 10GE Layer 3 Aggregation Switches</p>  <p>RG-C85 Series Full Layer 3 Aggregation Switches</p>  <p>RG-CS83-PD Series Layer 3 Access Switches</p>  <p>RG-CS83 Series Layer 3 Access Switches</p>  <p>RG-S2915-L Series Layer 2 Access Switches</p>  <p>RG-NBS3300 Series Layer 2 Access Switches</p> | <table border="1"> <thead> <tr> <th>Ceiling Mount</th> <th>Wall-Plate</th> <th>Outdoor</th> </tr> </thead> <tbody> <tr> <td>  <p>Wi-Fi 6</p> <p>RG-AP820-L(V3) RG-AP810-L</p> </td> <td>  <p>Wi-Fi 6</p> <p>RG-AP180</p> </td> <td>  <p>Wi-Fi 6</p> <p>RG-AP680(CD)</p> </td> </tr> <tr> <td>  <p>Wi-Fi 6E</p> <p>RG-AP880-L</p>  <p>Wi-Fi 6</p> <p>RG-AP840-L</p> </td> <td>  <p>Wi-Fi 6</p> <p>RG-AP180P-L</p> </td> <td>  <p>Wi-Fi 6</p> <p>RG-AP680-L</p> </td> </tr> <tr> <td>  <p>Wi-Fi 7</p> <p>RG-RAP73Pro</p> </td> <td>  <p>Wi-Fi 7</p> <p>RG-RAP72-Wall</p> </td> <td>  <p>Wi-Fi 6</p> <p>RG-AP680P-L</p> </td> </tr> </tbody> </table> | Ceiling Mount | Wall-Plate | Outdoor |  <p>Wi-Fi 6</p> <p>RG-AP820-L(V3) RG-AP810-L</p> |  <p>Wi-Fi 6</p> <p>RG-AP180</p> |  <p>Wi-Fi 6</p> <p>RG-AP680(CD)</p> |  <p>Wi-Fi 6E</p> <p>RG-AP880-L</p>  <p>Wi-Fi 6</p> <p>RG-AP840-L</p> |  <p>Wi-Fi 6</p> <p>RG-AP180P-L</p> |  <p>Wi-Fi 6</p> <p>RG-AP680-L</p> |  <p>Wi-Fi 7</p> <p>RG-RAP73Pro</p> |  <p>Wi-Fi 7</p> <p>RG-RAP72-Wall</p> |  <p>Wi-Fi 6</p> <p>RG-AP680P-L</p> |  <p>RG-WALL 1600-Z3200-S 1-3 Gbps Firewall Throughput</p>  <p>RG-WALL 1600-Z5100-S 3-10 Gbps Firewall Throughput</p>  <p>Performance Upgrade License</p>  <p>5-in-1 Library License</p> |
| Ceiling Mount | Wall-Plate | Outdoor | | | | | | | | | | | | |
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One-Step Solution

Lifecycle Support Without Compromise



Ideal Choice For Managed Service Providers (MSPs)

Cloud Managed, from Enterprise to Home
 Cloud-managed access enables the availability of the entire product family to all users.

Comprehensive Network Products

Unified management for all Ruijie wireless access points (APs), switches, and gateways

01

Provisioning in 3 mins via Self-Organizing Network
 How long does it take to provision 150 APs? Just 103 seconds—faster than before.

Custom Services

Custom service (Elite Cloud) for ODM partners, access to cloud at lower costs

02

Continuing to Evolve with Scenario-based Solutions
 Ruijie Cloud is constantly iterating to deliver more value, making a variety of projects achievable.

Multi-Tenant Platform

Flexible device grouping & sub-account privileges

03

VLAN Visualization: Gaining Deeper Business Insights
 VLANs visualized on Ruijie Cloud help lower technical barriers from configuration to management.

Lifetime Free Cloud Platform

Free annual subscriptions for cloud management

04

Tailored for Industries



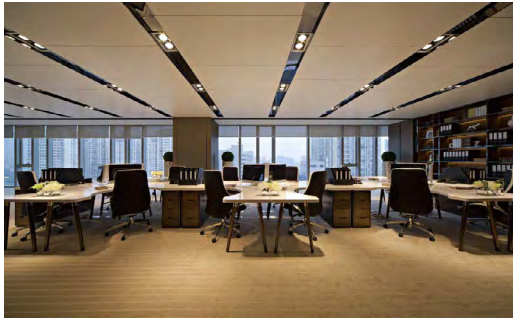
Hospitality

- Hybrid controller options
- Portal acceleration technology
- Flexible guest Wi-Fi policy
- Internet compliance audit



Retail Chain

- Multi-site cloud management
- Multi-language guest portal
- Site-to-site VPN
- POS integration



Business Office

- 100+ success cases
- PPSK authentication for staff
- No controllers at the premises
- Fast roaming



University/High School

- Wi-Fi accommodating 10K+ clients
- Internet compliance audit
- Level-7 traffic flow control
- Flexible guest/staff/student authentication



Staff Accommodation

- Flexible voucher packages
- One-stop paid Wi-Fi solution
- One-click wireless optimization
- Remote cloud troubleshooting



Government

- Private cloud solution
- Project-based customization
- Single-platform cloud management
- Mobile app management

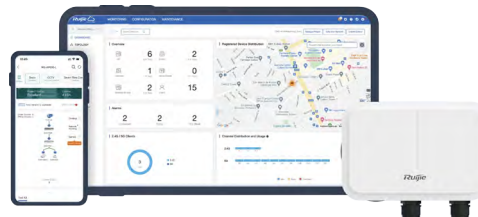
Ruijie Cloud Service

Ruijie Cloud Service
One of the world-leading network management platforms



OVERVIEW

Ruijie Cloud Service is Ruijie's easy and efficient cloud solution for chain stores, small- and medium-sized enterprises (SMEs), and boutique hotels. This solution includes equipment deployment and monitoring, network optimization, and operational lifecycle management. It provides customers with simple plug-and-play deployment, and O&M. It meets the needs for automatic cloud RF planning and user experience monitoring, supports mobile monitoring, enables equipment connectivity via QR code scanning, and delivers network status monitoring and alarm notifications. Besides, it allows for flexible client access control, including the highly secure "exclusive passwords for persons and devices" PPSK, built-in cloud portal, and Facebook-based authentication.



KEY FEATURES

- Comprehensive network products covering Internet firewalls, routers, switches, and wireless APs
- Enterprise cloud functionality and ultimate wireless performance verified by Tolly
- Easy deployment via the mobile app

| | | | |
|------------------------|-----------------------------|-------------------------------|-------------------------|
| Unlimited Capacity | Lifecycle Support Tools | Enterprise Authentication | 99.99% Availability |
|------------------------|-----------------------------|-------------------------------|-------------------------|

Ruijie Cloud Specifications

| Overview | |
|---------------------------------|--------------------------------------|
| System Capacity | Unlimited |
| Guest Portal | ✓ |
| Management Platform | Web/Mobile APP |
| Supported Products | Wireless APs, Switches, and Gateways |
| Unified Management & Monitoring | |
| Dashboard with Google Maps | ✓ |
| Multi-Tenant Architecture | ✓ |
| Account Privileges | ✓ |
| Multi-Level Groups | ✓ |
| Project Handover | ✓ |
| Project Sharing | ✓ |
| Site Survey Planning | |
| AI Heatmap | ✓ |
| Automatic Wall Identification | ✓ |
| Floor Plan Formats | JPG, PNG, BIMAP, DXF |
| Manual Obstacle Drawing | ✓ |
| Report Export | ✓ |

| Guest Wi-Fi | |
|---|--|
| Customized Captive Portal | ✓ |
| Multilingual Support | ✓ |
| Network Resource Access Control | Time/Device/Traffic-Limited Policy |
| Flexible Authentication Options | PPSK (Staff), Voucher Access Code, One-Click Authentication, Social Login (Facebook), Open |
| Reporting & Analytics | |
| Daily/Weekly/Monthly Device/Client/Network Summary Report | ✓ |
| Top 10 SSID/Traffic/Client/AP Analytic Report | ✓ |
| Report Export | CSV/PDF |
| Troubleshooting | |
| Remote Device Reboot, Web-CLI Advanced Diagnostics | ✓ |
| Alarm | Email/App |
| Operation/Upgrade/Configuration/Client/Connection Log | ✓ |
| AI Diagnostics | ✓ |

Ruijie Reeye App

OVERVIEW

The Ruijie Reeye app allows you to manage your network anywhere and anytime at fingertips. The app provides a dashboard for sites for your real-time network monitoring. With a step-by-step wizard, even a newbie can deploy the whole network for firewalls, routers, switches, and wireless APs effortlessly in minutes. With this app, you can inspect and optimize the Wi-Fi on the go without assistance from an IT professional.



KEY FEATURES

- Providing lifetime free Ruijie Cloud service
- Managing your network at fingertips
- Inspecting, optimizing, and upgrading you network on the go
- Enabling easy network deployment via the mobile app (no PC required)



Fast Network Provisioning



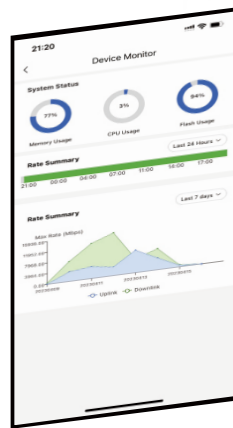
Global Monitoring



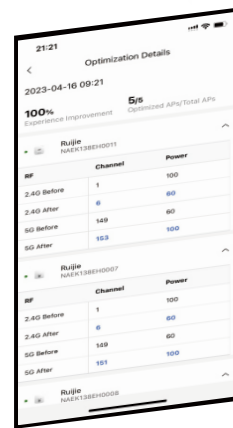
Wireless Optimization On-The-Go



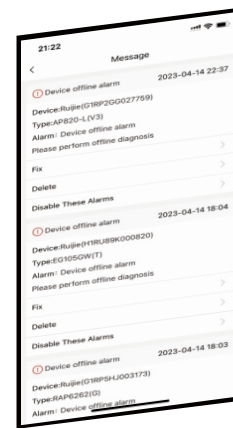
Topology Management



Traffic Analytics



Wi-Fi Optimization



Alarm Notifications



App Specifications

| | Ruijie Reeye App |
|--|------------------|
| Device Monitoring Dashboard | ✓ |
| Network Overview Topology | ✓ |
| User Monitoring | ✓ |
| Client Monitoring | ✓ |
| Quick Deployment for Switches | ✓ |
| Quick Deployment for APs | ✓ |
| Gateway Deployment | ✓ |
| Wireless Network Inspection & Optimization | ✓ |
| Firmware Management | ✓ |
| Product Dimension & Selection Advisor | ✓ |
| AI Diagnostics | ✓ |
| AI Heatmap | ✓ |

Site Survey Planner

FREE cloud-based tool for early-stage network deployment and project planning

KEY FEATURES

- Automatic wall identification
- Drag-N-drop signal simulation
- Professional report generation

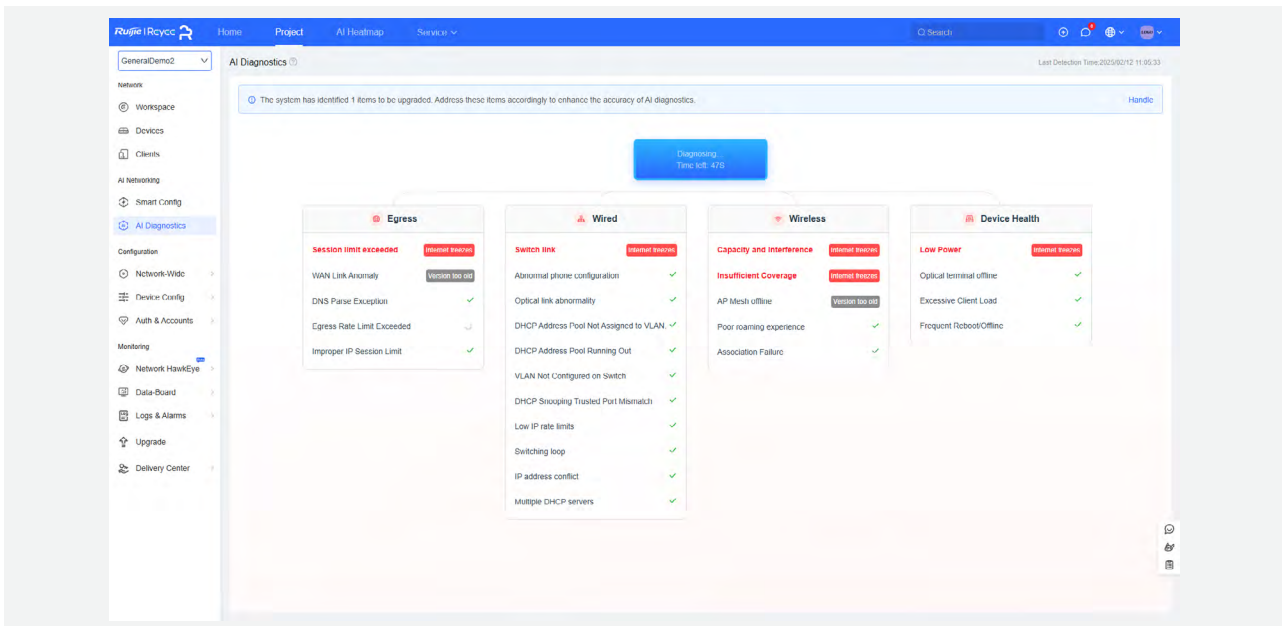


AI Diagnostics

AI-powered troubleshooting

KEY FEATURES

- Automatically checking network conditions
- Rapidly locating faults
- Providing timely responses to network issues



Ruijie OCE

RG-OCE

Ruijie Omni-Control Engine (RG-OCE) is an on-premises platform of Ruijie public cloud. It consists of two components: RG-OCE Identity Manager for identity authentication, functioning as a Remote Authentication Dial-In User Service (RADIUS) server integrated with Network Access Control (NAC) or Authentication, Authorization, Accounting (AAA), and RG-OCE Network Manager for network device management, serving as a Network Management System (NMS) server.

RG-OCE Identity Manager

RG-OCE Identity Manager features an innovative user interface (UI) and simple configuration steps. It supports both wireless and wired 802.1X authentication, as well as captive portal authentication. It also provides easy access control with MAB authentication for Internet of Things (IoT) devices. It supports authentication and authorization sources (local account/AD/LDAP), and can easily integrate with existing data sources. Besides, it offers rich authorization policies, including dynamic VLAN assignment, QoS, concurrent users, traffic usage, and time period control, along with flexible portal authentication.

Ruijie OCE On-Premises Authentication Module

- RG-OCE Identity Manager
- On-premises Deployment **Secure and Reliable**
- Accommodating **300 to 10,000 Users**
- Standalone Deployment **Installed in Minutes**

On-Premises Deployment

RG-OCE Identity Manager

Three-Step Authentication Configuration

Easy to Use, Saving Time and Effort

- 1 Add Devices
- 2 Identity Sources
- 3 Authentication Rules

User-Friendly UI, Easy to Use

Functional Features, Stable Performance

Effortless Solution for Configuring Professional Authentication

- Local Account
- Dashboard
- MAB Management
- One-Click Login
- Local Voucher
- Captive Portal
- 802.1x Wired
- 802.1x Wireless
- Traffic Quota Control
- Concurrent Clients Control
- Voucher Login
- Dynamic VLAN
- QoS Speed Limit
- Network Device (NAS) Management
- Support Azure AD Source
- Microsoft AD Inte
- LDAP Integration
- Email Registration
- SMS Login

RG-OCE Identity Manager

Functional Features

One Payment for Lifelong Use

Affordable Price, High Cost-effectiveness

- 1 Year License
- 2 Years License
- 3 Years License
- Lifetime License

Other Authentication Softwares vs RG-OCE Identity Manager

Lifetime License

RG-OCE Network Manager

RG-OCE Network Manager (RG-OCE-NM On-Premises) is a revolutionary device management software that supports unified device management and configuration of APs, switches, gateways, and third-party devices.

It consists of function modules such as management, monitoring, diagnostic tools, and captive portal authentication, significantly reducing the total cost of ownership (TCO) while ensuring high usability.

Ruijie

Ruijie OCE On-Premises Management Module

RG-OCE Network Manager

- On-Premises Deployment
Secure and Reliable
- Accommodating
50 to 100,000 Devices
- Standalone Deployment
Installed in Minutes

Ruijie OCE On-Premises Management Module

Ruijie

RG-OCE Network Manager

Managing Third-Party Devices Through SNMP

Managing Third-Party Devices Through SNMP

Ruijie

Easy Network Configuration and Maintenance

RG-OCE Network Manager

- VLAN Visualization
- Alarm Notification
- Real Topology
- One-Click Network Optimization

Easy Network Configuration and Maintenance

Ruijie

One Payment for Lifelong Use

Affordable Price, High Cost-effectiveness

| | |
|---------------------|-------------------------------|
| 1 Year License | Lifetime License |
| 2 Years License | |
| 3 Years License | |
| Other NMS Softwares | RG-OCE Network Manager |

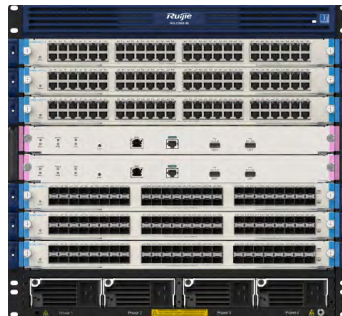
One Payment for Lifelong Use

Ruijie Switches

Core, Aggregation, and Access Switches

Ruijie Cloud-Managed Enterprise Switch Portfolio

Core Switch



RG-CS88-08

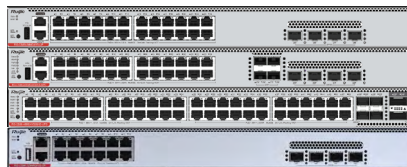
Aggregation Switches



RG-CS86 Full 10GE Series



RG-NBS5500 Series



RG-CS86 Multi-GE Series



RG-CS85 Series

Access Switches



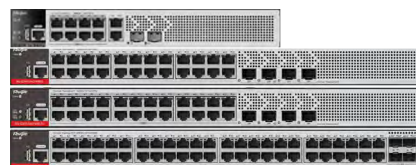
RG-CS83-PD Series



RG-NBS3300 Series



RG-CS83 Series



RG-S2915-L Series (CS81)

Key Technologies

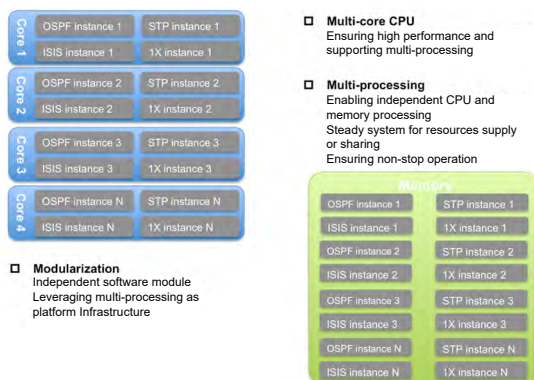
VSU Technology

The Virtual Switching Unit (VSU) technology is an innovative feature requiring no additional licenses. The switches comprising a VSU are managed as one unit (with a single IP address), simplifying management. This flexible technology supports various bandwidths (1GE/10GE/40GE/100GE) for the VSU link and long-haul stacking via optical fiber cables. The failover time of less than 50 ms ensures smooth and uninterrupted transmission of key services. The Ruijie switch supports Multi-Chassis Link Aggregation (MLAG) for easy dual uplink connections to servers or switches, effectively maximizing bandwidth investment returns.



VSU Technology

Multi-Processing Modular Operating System

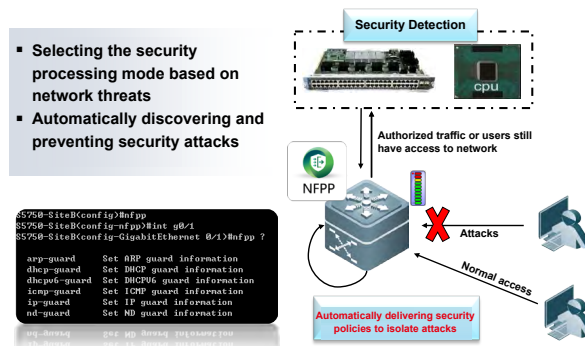


Modular Operating System

Since 1998, Ruijie has been investing in the R&D of a modular operating system. This software platform is designed based on the next-generation RGOS 12.X multi-processing modular OS to integrate services such as loosely coupled firewalls and wireless authentication into a unified cloud network OS. The software platform also supports full virtualization and offers rich data center and campus network features. The key availability features, such as multi-processing modules, process backup, and hot patch, are industry leading.

NFPP Technology

Network Foundation Protection Policy (NFPP) is a protection system to enhance the inherent security performance of the switch by attack source detection and actions like rate limiting and isolation, thus protecting switch processor and channel bandwidth resources and ensuring normal packet forwarding and protocol state. NFPP protects switches in the data, management, and control planes. The hardware-based protection allows the software-based protection mechanism to operate more efficiently with fewer resources, while software-based protection compensates for the limitations of hardware-based protection, making protection policies more specific and flexible.



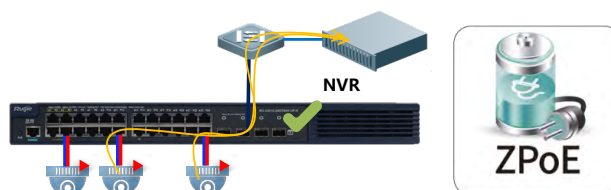
NFPP-Powered Security Detection

FAQS

How To Ensure Non-Stop Power Supply During Network Maintenance?

Since more IoT devices are powered by Power over Ethernet (PoE) nowadays, the Zero-Interruption PoE (ZPoE) feature has been introduced to Ruijie PoE switches.

With such a feature, switches provide a non-stop PoE power supply to IP cameras, VoIPs, and other powered devices (PDs) even during reboots. So operators are always worry-free during maintenance like firmware upgrades.

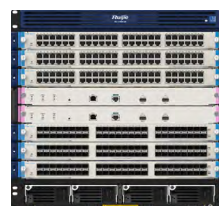


Core Switch

RG-CS88-08

OVERVIEW

The RG-CS88-08 switch is a multi-service core switch launched by Ruijie Networks for next-generation converged networks. It combines features of campus networks and data center networks. Using the RGOS12.X modular OS, it supports IPv4, IPv6, and other network services for Ethernet applications in the future. The RG-CS88-08 switch can be deployed on campus networks and data center networks based on business requirements.



KEY FEATURES

- High-density 40GE and 100 GE ports for network development in the next decade
- Carrier-class reliability by control engine, power and fan redundancy, and hot-swappable components
- Powerful multi-service capability: Large MAC address table (up to 80K entries) and ARP table (up to 30K entries)
- Flexible management modes including Ruijie Cloud, self-organizing network (SON), CLI, web-based NMS and Telnet

| Model | Performance | | | | Hardware Specifications | | Physical Parameter |
|------------|--------------------|-----------------|-----------------------------------|---------------------------|-------------------------|----------------------|-----------------------------------|
| | Switching Capacity | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | Supervisor Module Slots | Service Module Slots | Weight |
| RG-CS88-08 | 9.6 Tbps | 5,400 Mpps | 80K | 30K | 2 | 6 | Chassis only: 35.6 kg (78.48 lbs) |

Aggregation Switches

RG-CS86 Full 10GE Series

OVERVIEW

The newly-launched RG-CS86-20XS4VS2QXS-D switch adopts advanced hardware architecture. Embedded with the latest modular OS, this 10GE series switch provides better hardware processing performance and more convenient operation. Boasting 40GE unlinking capacities, it meets customers' demands for high-density access and high-performance aggregation. What's more, working as either an aggregation switch for large networks or a core switch for small and medium-sized networks, it offers ideal and comprehensive end-to-end services and flexible security configurations for faster, safer, and smarter networks.



KEY FEATURES

- Customized for large campus networks: 20 x 10GE/1GE SFP+ ports, 4 x 25GE/10GE SFP28 ports, 2 x 40GE QSFP+ ports
- Exceptional performance: up to 2.56 Tbps switching capacity
- Network virtualization: VSU
- Advanced Layer 3 routing features available right out of the box
- High availability by hot patches, power and fan redundancy

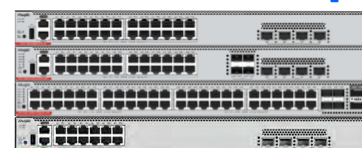
| Model | Performance | | | | Fixed Ports | VSU | Physical Parameter |
|-----------------------|--------------------|---------------------|-----------------------------------|---------------------------|---|-----|--------------------|
| | Switching Capacity | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | SFP/SFP+/SFP28/QSFP28 Ports | | Weight |
| RG-CS86-20XS4VS2QXS-D | 760 Gbps/2.56 Tbps | 570 Mpps/1,260 Mpps | 32K | 16K | 20 x 1GE/10GE SFP+ ports 4 x 10GE/25GE SFP28 ports 2 x 40GE QSFP+ ports | ✓ | 4.6 kg (10.14 lbs) |



RG-CS86 Multi-GE Series

OVERVIEW

The RG-CS86 Multi-GE series switches offer flexible multi-GE access (10GE/5GE/2.5GE/1GE) and high-performance 10GE/25G/40GE uplink ports, catering to the demands for high-density access and high-performance aggregation. In compliance with the IEEE 802.3bt standard, the RG-CS86 Multi-GE series switches are powered by high-power PoE with a PoE budget of 90 W through a single Ethernet port to significantly improve user experiences.



KEY FEATURES

- Multi-GE access: Meeting requirements of Wi-Fi 6, Wi-Fi 6E and Wi-Fi 7 APs
- High-power PoE in compliance with the IEEE802.3bt standard
- IPv4/IPv6 dual-stack multi-layer switching
- Network virtualization: VSU
- High reliability based on RGOS12, CPU Protection Policy (CPP), and NFPP
- Easy network maintenance through Ruijie Cloud

| Model | Performance | | | | Fixed Ports | | PoE Standard | PoE Budget | VSU | Physical Parameter |
|-------------------------|--------------------|-----------------|-----------------------------------|---------------------------|-----------------------------------|--|--------------|------------|-----|--------------------|
| | Switching Capacity | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | RJ45 Ports | SFP/SFP+/SFP28/QSFP28 Ports | | | | Rack Height |
| RG-CS86-24MG4VS-UP | 440 Gbps/2.56 Tbps | 327 Mpps | 32K | 16K | 24 x 1000/2.5G/5GBASE-T ports | 4 x 10G/25G SFP28 ports | 802.3bt | 370 W | ✓ | 1 RU |
| RG-CS86-48MG4VS2QXS-UPD | 840 Gbps/2.56 Tbps | 625 Mpps | 32K | 16K | 48 x 1000/2.5G/5GBASE-T ports | 4 x 10GE/25GE SFP28 ports 2 x 40GE QSFP+ ports | 802.3bt | 1,600 W | ✓ | 1U |
| RG-CS86-24XMG4XS4VS-UPD | 760 Gbps/2.56 Tbps | 565 Mpps | 32K | 16K | 24 x 1000/2.5G/5G/10GBASE-T ports | 4 x 1GE/10GE SFP+ ports 4 x 10GE/25GE SFP28 ports 2 x 40GE QSFP+ ports | 802.3bt | 1,600 W | ✓ | 1U |
| RG-CS86-12XMG4VS-UP | 440 Gbps/2.56 Tbps | 327 Mpps | 32K | 16K | 12 x 1000/2.5G/5G/10GBASE-T ports | 4 x 10GE/25GE SFP28 ports | 802.3bt | 370 W | ✓ | 1 RU |

RG-NBS5500-12XS

OVERVIEW

RG-NBS5500-12XS, 12-port full 10GE SPF+ Layer 3 managed switch

KEY FEATURES

- 12-port full 10GE SPF+ Layer 3 managed switch
- Lightning-fast 10GE ports, unleashing the full performance of Wi-Fi 7 APs
- Easy configuration with the MGMT port
- Rich Layer 3 features: VCS, static routing, RIP, OSPF, DHCP server, and so on.
- Protecting your network with multiple security policies
- Enabling easy cloud management anytime and anywhere



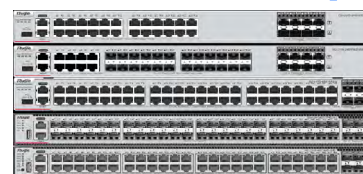
| Model | Performance | | | | PoE | VCS |
|-----------------|---------------------------|-----------------|-----------------------------------|---------------------------|-----|-----|
| | Switching Capacity (Gbps) | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | | |
| RG-NBS5500-12XS | 240 Gbps | 178.56 Mpps | 32K | 2K | N/A | Yes |

RG-CS85 Series



OVERVIEW

The Ruijie RG-CS85 series switches are next-generation Ethernet switches featuring high performance and large capacity. They employ next-generation chips and Ruijie's latest RGOS12.X modular OS to provide a more entries, faster hardware processing, and better user experiences. They support flexible 1000M access and provide four to eight fixed 10GE SFP ports, enabling high-density and high-performance uplink connections. They perfectly meet user requirements for high-density access and high-performance convergence.



KEY FEATURES

- Hardware redundancy, service continuity, and network connectivity
- VSU, enabling flexible networking and high reliability
- Layer 3 routing control adaptive to services for efficient and guaranteed data transmission
- Network security policies and real-time monitoring for more robust networks
- Ruijie Cloud and diverse management modes, making your business easy

| Model | Performance | | | | Fixed Ports | | Expansion | PoE Budget | VSU | Rack Height |
|------------------------|--------------------|-------------------|-----------------------------------|---------------------------|---------------|----------------------------------|--|------------|-----|-------------|
| | Switching Capacity | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | GE RJ45 Ports | SFP/ SFP+ Ports | Card Type | | | |
| RG-CS85-24GT8XS-D | 880 Gbps | 426 Mpps/600 Mpps | 64K | 24K | 24 | 8 x SFP+ ports | 4 x 1GE/10GE SFP+ ports 2 x 40GE/100GE QSFP28 ports | N/A | ✓ | 1 RU |
| RG-CS85-24SFP/8GT8XS-D | 880 Gbps | 426 Mpps/600 Mpps | 64K | 24K | 8 (Combo) | 24 x SFP ports 8 x SFP+ ports | 4 x 1GE/10GE SFP+ ports 2 x 40GE/100GE QSFP28 ports | N/A | ✓ | 1 RU |
| RG-CS85-48GT4XS-D | 880 Gbps | 406 Mpps/600 Mpps | 64K | 24K | 48 | 4 x SFP+ ports | 4 x 1GE/10GE SFP+ ports 2 x 40GE/100GE QSFP28 ports | N/A | ✓ | 1 RU |
| RG-CS85-48SFP4XS-D | 880 Gbps | 406 Mpps/600 Mpps | 64K | 24K | N/A | 48 x SFP ports 4 x SFP+ ports | 4 x 1GE/10GE SFP+ ports 2 x 40GE/100GE QSFP28 ports | N/A | ✓ | 1 RU |
| RG-CS85-48GT4XS-HPD | 880 Gbps | 406 Mpps/600 Mpps | 64K | 24K | 48 | 4 x SFP+ ports | 4 x 1GE/10GE SFP+ ports 2 x 40GE/100GE QSFP28 ports | 1,440 W | ✓ | 1 RU |

Access Switches

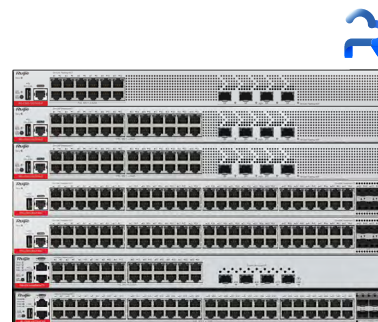
RG-CS83-PD Series

OVERVIEW

The RG-CS83-PD series switches are next-generation gigabit Ethernet switches launched by Ruijie Networks, featuring security, high efficiency, energy saving, and innovation. They provide full gigabit access and uplink data exchange with flexible scalability. With the new hardware architecture and Ruijie's RGOS12.X modular OS, they provide more resource entries, faster hardware processing, and better user experiences.

KEY FEATURES

- PoE+ output to a variety of endpoints
- VSU, enabling flexible networking and high reliability
- Network security policies and real-time monitoring for more robust networks
- Ruijie Cloud and diverse management modes, making your business easy



| Model | Performance | | | | Downlink | Uplink | PoE Budget | VSU | Rack Height |
|--------------------|---------------------------|-----------------|-----------------------------------|---------------------------|-------------------|----------------|------------|-----|-------------|
| | Switching Capacity (Gbps) | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | GE (BASE-T) Ports | SFP Ports | | | |
| RG-CS83-24GT4XS-PD | 336 Gbps | 96 Mpps | 32K | 4K | 24 | 4 x SFP+ ports | 720 W | ✓ | 1 RU |
| RG-CS83-48GT4XS-PD | 432 Gbps | 132 Mpps | 32K | 4K | 48 | 4 x SFP+ ports | 1,440 W | ✓ | 1 RU |

CS83 Series

OVERVIEW

The RG-CS83 series switches are next-generation gigabit Ethernet switches launched by Ruijie Networks, featuring security, high efficiency, energy saving and innovation. They deliver full gigabit access and 10GE uplink data exchange with flexible scalability. With the new hardware architecture and Ruijie's RGOS12.X modular OS, they provide more resource entries, faster hardware processing, and better user experiences.

KEY FEATURES

- 1000M RJ45 ports and uplink 10GE ports, PoE/PoE+ power supply, faster speed, and optimized experiences
- VSU, enabling flexible networking
- Diverse Layer 3 protocols: OSPF, RIP, and multicast
- 220 mm (8.66 in.) depth and compact design for easy installation in small cabinets
- Resistance to harsh environments and excellent anti-corrosion
- 10 kV surge protection on an interface, 8 kV surge protection for PoE power, 6 kV surge protection for non-PoE power, higher performance, and greater anti-interference capability
- Intelligent variable-speed fans for advanced cooling



| Model | Performance | | | | Downlink | | PoE Budget | VSU | Rack Height |
|-------------------|---------------------------|-----------------|-----------------------------------|---------------------------|-------------------|----------------|------------|-----|-------------|
| | Switching Capacity (Gbps) | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | GE (BASE-T) Ports | SFP Ports | | | |
| RG-CS83-12GT4XS-P | 104 Gbps | 78 Mpps | 16K | 4K | 12 | 4 x SFP+ ports | 405W | ✓ | 1 RU |
| RG-CS83-24GT4XS | 128 Gbps | 96 Mpps | 16K | 4K | 24 | 4 x SFP+ ports | N/A | ✓ | 1 RU |
| RG-CS83-48GT4XS | 176 Gbps | 132 Mpps | 16K | 4K | 48 | 4 x SFP+ ports | N/A | ✓ | 1 RU |
| RG-CS83-24GT4XS-P | 128 Gbps | 96 Mpps | 16K | 4K | 24 | 4 x SFP+ ports | 405 W | ✓ | 1 RU |
| RG-CS83-48GT4XS-P | 176 Gbps | 132 Mpps | 16K | 4K | 48 | 4 x SFP+ ports | 460 W | ✓ | 1 RU |

RG-NBS3300 Series

OVERVIEW

RG-NBS3300-16MG4XS-HP, 16-port multi-gigabit Layer 2 managed switch with 4 x PoE++ ports, 12 x PoE+ ports, and 4 x SFP+ uplink ports

RG-NBS3300-8MG2XS-P, 8-port multi-gigabit Layer 2 managed switch with 8 x PoE+ ports and 2 x SFP+ uplink ports



KEY FEATURES

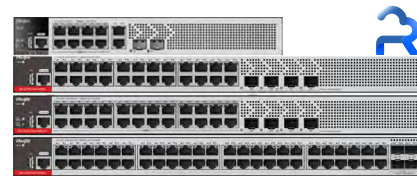
- 2.5 Gbps ports, smashing the gigabit barrier and unlocking the full potential of Wi-Fi 6/7 APs
- CPP, ensuring the stability of the switch and non-stop services
- Enterprise-class quality, ensuring high performance
- Protecting your network with multiple security policies
- Enabling easy cloud management anytime and anywhere

| Model | Performance | | | | Downlink | Uplink | PoE |
|-----------------------|---------------------------|-----------------|-----------------------------------|---------------------------|---------------------|------------|--|
| | Switching Capacity (Gbps) | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | Multi-Gigabit Ports | SFP+ Ports | |
| RG-NBS3300-16MG4XS-HP | 160 Gbps | 119.04 Mpps | 16K | 1K | 16 | 4 | 4 x PoE++ ports, 12 x PoE+ ports 370 W |
| RG-NBS3300-8MG2XS-P | 80 Gbps | 58.72 Mpps | 16K | 1K | 8 | 2 | 8 x PoE+ ports 240 W |

RG-S2915-L Series

OVERVIEW

The RG-S2915-L series switches are next-generation cost-effective Layer 2+ access switch launched by Ruijie Networks for commercial real estate customers, hotels, and SMEs. They include PoE and non-PoE switch models and meet requirements for wired and wireless networks, monitoring, and other scenarios.



KEY FEATURES

- 2.5G uplinks, breaking the gigabit bottleneck and enabling access for more types of devices
- CPP, ensuring the stability of the switch and non-stop services
- RLDP, allowing for smooth network connections
- 10 kV surge protection for ports, providing high reliability
- Compliance with standard protocols and applications in various scenarios
- Ease of use via Ruijie Cloud for management and remote O&M

| Model | Performance | | | | Downlink | Uplink | PoE Budget | Rack Height |
|----------------------|---------------------------|-----------------|-----------------------------------|---------------------------|-------------------|-----------------|------------|-------------|
| | Switching Capacity (Gbps) | Forwarding Rate | Max Number of MAC Address Entries | Max Number of ARP Entries | GE (BASE-T) Ports | 2.5GE SFP Ports | | |
| RG-S2915-48GT4MS-L | 116 Gbps | 87 Mpps | 16K | 512 | 48 | 4 | N/A | 1 RU |
| RG-S2915-24GT4MS-L | 68 Gbps | 51 Mpps | 16K | 512 | 24 | 4 | N/A | 1 RU |
| RG-S2915-24GT4MS-P-L | 68 Gbps | 51 Mpps | 16K | 512 | 24 | 4 | 370 W | 1 RU |
| RG-S2915-10GT2MS-P-L | 30 Gbps | 22.5 Mpps | 16K | 512 | 10 | 2 | 125 W | 1 RU |

Ruijie Wireless Products

Vision of Ruijie Wireless Products

In the wave of the world's digital economy, wireless networks have natural advantages in network construction costs and mobile access. In the future, wireless networks will still be the focus of network construction for organizations and the prerequisite to improve business quality and efficiency.

Since its inception, Ruijie Networks has been committed to scenario-driven innovation, gained insights from users' business and application environments, tailored solutions for users, and provided high-quality wireless experiences.

To help customers across industries realize the efficiency revolution, Ruijie's wireless products continue to innovate data access, business optimization, and network application. Through ubiquitous, efficient, and stable connections, it delivers highly secure, reliable, and simplified O&M, offering unmatched wireless network experiences while continuously enhancing efficiency and driving digital and intelligent transformation across industries.

Ruijie Cloud-Managed Enterprise Wireless Product Portfolio

| | |
|------------------------------|---|
| <p>Indoor APs</p> | <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; width: 20%;">  RG-AP880-L AX7800 New flagship Wi-Fi 6E AP </div> <div style="text-align: center; width: 20%;">  RG-AP840-L AX5400 High-performance indoor AP </div> <div style="text-align: center; width: 20%;">  RG-AP820-L(V3) AX3000 Wi-Fi 6 </div> <div style="text-align: center; width: 20%;">  RG-AP820-L(V2) AX2400 Wi-Fi 6 </div> <div style="text-align: center; width: 20%;">  RG-AP810-L AX1800 Wi-Fi 6 </div> <div style="text-align: center; width: 20%;">  RG-AP720-L 11ac Wave2 </div> <div style="text-align: center; width: 20%;">  RG-RAP73Pro BE14000 Wi-Fi 7 ceiling mount AP </div> </div> |
| <p>Outdoor APs</p> | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  RG-AP680P-L Omnidirectional Designed for beaches </div> <div style="text-align: center;">  RG-AP680-L Omnidirectional Designed for beaches </div> <div style="text-align: center;">  RG-AP680(CD) Omnidirectional Designed for beaches </div> </div> |
| <p>Wall-Plate APs</p> | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  RG-AP180P-L Available across all countries/regions </div> <div style="text-align: center;">  RG-AP180 Blending seamlessly into the wall </div> </div> |
| <p>ACs</p> | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  RG-WS6512-L Managing up to 1,152 universal APs </div> <div style="text-align: center;">  RG-WS6012-L Managing up to 448 universal APs </div> <div style="text-align: center;">  RG-WS6008 Managing up to 224 universal APs </div> </div> |

Key Technologies

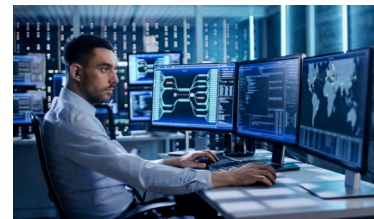
User Security — UPSK

Secure and easy access is provided with user-based PSK (UPSK) technology. Users can communicate efficiently, transfer files and cast screens between client devices (including IoT devices) within a group, while remaining isolated from other groups of users to ensure optimal privacy protection. UPSK is implemented through dynamic network segmentation into micro-groups for each user and requires only the access controller (AC), thus lowering customers' TCO by eliminating the need for complicated NAC systems.



Better User Experience — AirReorder

Ruijie's AirReorder scheduling technology introduces a refined time slice mechanism for high-density and mixed client protocols. It enjoys over 20% higher performance than traditional QoS scheduling and is fully compatible with existing client devices, such as Wi-Fi 5 and IoT devices. AirReorder is a smart resource allocation algorithm tracking each client's usage and analyzing air interfaces in the environment.



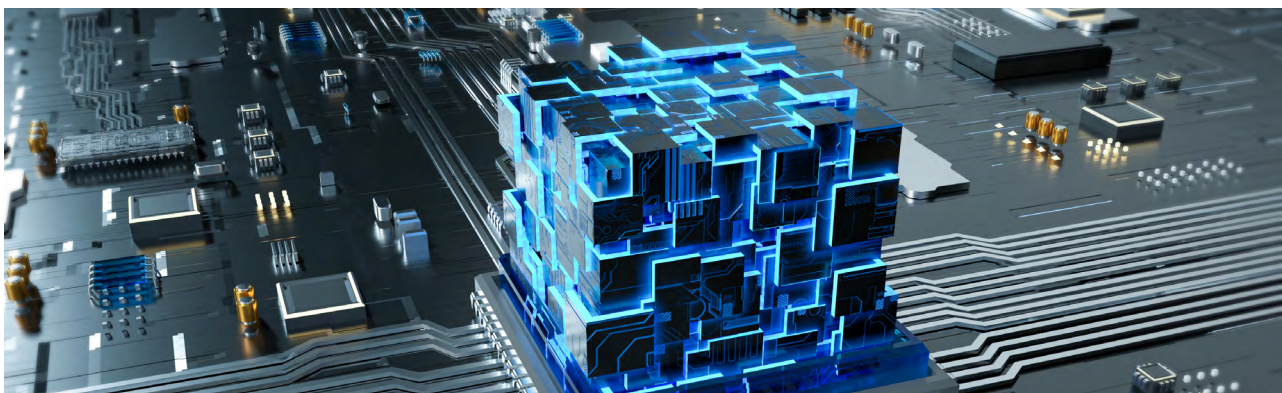
High Reliability — VAC

The virtual access controller (VAC) cluster provides high availability and performance scalability for both on-premises and hybrid managed networks. Up to eight access controllers can be virtualized into one logical unit for active redundancy and enhanced network management capabilities, offering up to eight times the management capacity. Only traditional cabling is needed, such as CAT6 and optical fiber.




Easy Maintenance — Ruijie Cloud


The SON technology enables fast deployment of network devices in large numbers. By scanning any APs in cloud-managed mode, the network can be registered on the cloud. The network O&M can be implemented remotely on the cloud, including remote monitoring, remote troubleshooting, network alarm, one-click wireless optimization, and wireless roaming optimization, without the need for an AC.








Indoor APs

RG-RAP73Pro





-  Wi-Fi 7: BE14000
-  High capacity: Up to 600 connections
-  4K Quadrature Amplitude Modulation (QAM): 20% higher transmission rates than Wi-Fi 6
-  Multi-Link Operation (MLO): Higher data throughput and lower latency
-  Multi-Resource Unit (MRU): Greater resource utilization
-  SFP+: Transmission rates guaranteed

Wi-Fi 7 BE14000 tri-band ceiling mount AP, 2.4 GHz/5 GHz/6 GHz tri-band, high throughput with 8 spatial streams, 1 x 100/1000/2500BASE-T port, 1 x 1G/10GBASE-X SFP+ port, IEEE 802.11ax compliance, AP and router modes, Layer 2 and Layer 3 roaming

- Unified networking and management via Ruijie Cloud
- Power consumption < 30 W, IEEE 802.3at-compliant PoE and 54 V DC local power supply
- Next-generation performance with Wi-Fi 7, delivering extra-fast wireless speeds
- Ideal for high-density scenarios
- Superior streaming with Wi-Fi 7's exclusive MLO feature
- Enhanced data transmission with 4K-QAM for faster speeds
- SFP+ port, unleashing the full potential of Wi-Fi 7
- Ideal for working in conjunction with the multi-GE switches for a robust network

RG-AP880-L






-  New flagship Wi-Fi 6E AP
-  Wireless throughput of up to 7.8 Gbps
-  6 GHz, tri-radio
-  8 spatial streams
-  5GE combo ports
-  1GE RJ45 PoE output port (12.95 W)

The RG-AP880-L is an IEEE 802.11ax-compliant tri-radio wireless AP launched for high-density indoor scenarios in the higher education, government, general education, finance, and business sectors.

- Tri-radio design with a hardware-independent access rate of up to 7.775 Gbps
- Wi-Fi 6E capable
- 1 x 100/1000/2.5G/5GBASE-T port, 1 x 5GE SFP/RJ45 combo port, and 1 x 10/100/1000BASE-T port
- Local power supply and PoE
- Client data forwarding, security, access control, and IoT application extension with Ruijie ACs and Ruijie Cloud
- 3-year hardware warranty

RG-AP840-L



The image shows a white, square-shaped Ruijie RG-AP840-L wireless access point. To its right are icons for Wi-Fi 6 and Zigbee. Further right is a list of features, each preceded by a small orange icon.


- Premium performance, 4x4, bottleneck-free design
- Wireless throughput of up to 5.4 Gbps
- 6 spatial streams
- 5GE combo ports
- 1GE RJ45 PoE output port (12.95 W)

The RG-AP840-L is an IEEE 802.11ax-compliant dual-radio wireless AP for hotels, offices, schools, factories, government, finance, business, and other indoor scenarios.

- Dual-radio design (2.4 GHz + 5 GHz), 6 spatial streams, and peak data rate of 5.375 Gbps
- One 5GE optical port for fiber-to-the-room connectivity, and one 5GE Ethernet RJ45 port to meet existing networking requirements
- Orthogonal Frequency Division Multiple Access (OFDMA) and Multi-User Multiple Input Multiple Output (MU-MIMO), optimizing multi-user access experiences
- IEEE 802.11k/v/r, roaming stickiness optimization, and remote association for better user experiences
- WPA3, enhanced open security, and 802.1X, PPSK, and other encryption and authentication mechanisms, improving data security
- On-premises and cloud management modes and intelligent wireless network optimization, reducing TCO and maximizing ROI
- Rich IoT features: PoE output, Bluetooth 5.1, ZigBee*, and wireless location
- 3-year hardware warranty

*Zigbee is supported by the hardware only.

RG-AP820-L(V3)





The image shows a white, square-shaped Ruijie RG-AP820-L(V3) wireless access point. To its right are icons for Wi-Fi 6 and Zigbee. Further right is a list of features, each preceded by a small orange icon.





- High-performance Wi-Fi 6 AP
- Wireless throughput of up to 3.0 Gbps
- 4 spatial streams
- 2.5GE SFP ports
- 1GE RJ45 ports

The RG-AP820-L(V3) is a cost-effective entry-level Wi-Fi 6 wireless AP with a dual-radio design. It is simple and flexible for small and medium-sized enterprises, yet equipped with the functionality and performance needed to scale up for large enterprise network deployments.

- Wireless throughput of up to 2.975 Gbps at 160 MHz bandwidth in 5G radio mode (HE160)
- Wi-Fi 6-enabled, ensuring minimal signal interference
- Maximum ROI based on free cloud management
- Hybrid management (cloud/controller/standalone)
- Automated radio optimization by artificial intelligence (AI)
- 3-year hardware warranty

RG-AP820-L(V2)










-  High-performance entry-level Wi-Fi 6 AP
-  Wireless throughput of up to 2.4 Gbps
-  4 spatial streams
-  1GE RJ45 ports

The RG-AP820-L(V2) is Ruijie's most cost-effective entry-level Wi-Fi 6 enterprise-class indoor AP. It is ideal for hotel, office, retail, and school scenarios.

- Wireless throughput of up to 2.4 Gbps at 160 MHz bandwidth in 5G radio mode (HE160)
- Wi-Fi 6-enabled, ensuring minimal signal interference
- Maximum ROI based on free cloud management
- Hybrid management (cloud/controller/standalone)
- Automated radio optimization by AI
- 3-year hardware warranty

RG-AP810-L

-  Entry-level Wi-Fi 6 AP
-  Wireless throughput of up to 1.8 Gbps
-  4 spatial streams
-  1GE RJ45 ports

The RG-AP810-L is a cost-effective entry-level Wi-Fi 6 AP with a dual-radio design. It is simple and flexible for small and medium-sized enterprises, yet equipped with the functionality and performance needed to scale up for large enterprise network deployments.

- Wireless throughput of up to 1.775 Gbps at 80MHz bandwidth in 5G radio mode (HE80)
- Wi-Fi 6-enabled, ensuring minimal signal interference
- Maximum ROI based on free cloud management
- Hybrid management (cloud/controller/standalone)
- Automated radio optimization by AI
- 3-year hardware warranty

RG-AP720-L



- Cost-effective Wi-Fi 5 AP
- IEEE 802.11ac Wave2, MU-MIMO
- Wireless throughput of up to 1,167 Mbps

The RG-AP720-L is a dual-radio and 802.11ac Wave 2 AP designed for indoor high-density scenarios covering hotels, offices, schools, factories, government, finance, and business.

- 2 spatial streams per radio and 4 streams in total
- A combined data rate of 1.167Gbps, up to 300 Mbps in the 2.4 GHz band and 867 Mbps in the 5 GHz band
- Environment-friendly design and lower power consumption
- Wireless network security, RF management, mobile access, QoS guarantee, and seamless roaming
- Client data forwarding, security features and access control via Ruijie ACs
- 3 management modes available, perfect for ever-changing business needs
- 3-year hardware warranty

Outdoor APs

RG-AP680P-L












- Outdoor AP designed for beaches (omnidirectional)
- Wireless throughput of up to 6.0 Gbps
- 8 spatial streams
- 10GE SFP+ ports and 5GE RJ45 ports
- 1GE RJ45 PoE output port
- IP68 rating, salt spray corrosion resistance

The RG-AP680P-L is an omnidirectional Wi-Fi 6 dual-radio outdoor AP for outdoor scenarios covering beaches, hotels, education, small and medium-sized enterprises, energy, shopping malls, government, and healthcare facilities.

- IP68 rating protection and salt spray corrosion resistance designed for beaches
- Industrial-class design for operations in temperatures ranging from -40°C to $+65^{\circ}\text{C}$ (-40°F to $+149^{\circ}\text{F}$)
- High-power omnidirectional antennas, ensuring full Wi-Fi coverage
- Wi-Fi 6-enabled, offering a combined data rate of up to 5,951 Mbps, with a hardware-independent dual-radio design.
- Wireless network security, radio control, mobile access, QoS, seamless roaming, and IoT application extension
- Client data forwarding, security features, access control, and IoT application extension with Ruijie ACs and Ruijie Cloud
- Local power supply and PoE
- Built-in smart antennas, mesh networks, and point-to-multipoint (P2MP) network bridges

RG-AP680-L












-  
-  Outdoor AP designed for beaches (omnidirectional)
-  Wireless throughput of up to 3.0 Gbps
-  4 spatial streams
-  1GE SFP ports
-  1GE RJ45 ports
-  IP68 rating, salt spray corrosion resistance

The RG-AP680-L is an omnidirectional Wi-Fi 6 dual-radio outdoor AP for outdoor scenarios covering beaches, hotels, education, small and medium-sized enterprises, energy, shopping malls, government, and healthcare facilities.

- IP68 rating protection and salt spray corrosion resistance designed for beaches
- Industrial-class design for operations in temperatures ranging from -40°C to $+65^{\circ}\text{C}$ (-40°F to $+149^{\circ}\text{F}$)
- High-power omnidirectional antennas, ensuring full Wi-Fi coverage
- Wi-Fi 6-enabled, offering a combined data rate of up to 2,975 Mbps, with a hardware-independent dual-radio design
- Wireless network security, radio control, mobile access, QoS, seamless roaming, and IoT application extension
- Client data forwarding, security features, access control, and IoT application extension with Ruijie ACs and Ruijie Cloud
- Local power supply and PoE
- Built-in smart antennas, mesh networks, and P2MP network bridges

RG-AP680(CD)



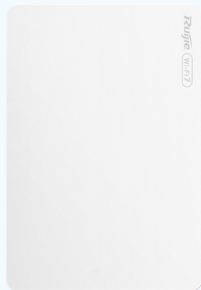
-  
-  Outdoor AP designed for beaches (directional)
-  Wireless throughput of up to 1.8 Gbps
-  4 spatial streams
-  1GE SFP ports
-  1GE RJ45 ports
-  IP68 rating, salt spray corrosion resistance

The RG-AP680(CD) is a universal Wi-Fi 6 dual-radio outdoor AP for outdoor scenarios covering beaches, hotels, education, wireless cities, energy, and business malls.

- IP68 rating protection and salt spray corrosion resistance designed for beaches
- Industrial-class design for operations in temperatures ranging from -40°C to $+65^{\circ}\text{C}$ (-40°F to $+149^{\circ}\text{F}$)
- Data rate of up to 2.4 Gbps with a hardware-independent dual-radio design, and up to 1.775 Gbps in dual-radio (2.4 GHz + 5 GHz) mode
- Wireless network security, radio control, mobile access, QoS, seamless roaming, and IoT application extension
- Client data forwarding, security features, access control, and IoT application extension with Ruijie ACs and Ruijie Cloud
- Local power supply and PoE
- Built-in directional smart antennas, mesh networks, and P2MP network bridges

Wall-Plate APs

RG-RAP72-Wall



- Wi-Fi 7: BE3600
- 6 spatial streams
- 4K QAM: 20% higher transmission rates than Wi-Fi 6
- MLO: Higher data throughput and lower latency
- MRU: Greater resource utilization
- 1GE RJ45 PoE output port (10 W)

BE3600 dual-band wall-plate Wi-Fi 7 AP, 2.4 GHz/5 GHz dual-band, 1 x 100/1000/2500BASE-T port, 4 x 10/100/1000BASE-T ports, IEEE 802.11ax-compliant, AP and router modes, Layer 2 and Layer 3 roaming

- Unified networking and management via Ruijie Cloud
- Embracing the Wi-Fi 7 revolution, providing a data rate of up to 3,600 Mbps
- 2.5 Gbps uplink port for ultra-fast indoor access
- PoE output to VoIPs and other IoT devices
- Compact design with a thickness of 24 mm (0.95 in.)
- Security lock against theft

RG-AP180P-L










- NEW** New wall-plate AP for all countries or regions
- 4 x 1GE downlink ports
- Wireless throughput of up to 3.0 Gbps
- LAN1 PoE output port for VoIPs
- 4 spatial streams
- Flat design, accommodating global mounts
- 2.5GE uplink ports

The RG-AP180P-L is a dual-radio IEEE 802.11ax-compliant Wi-Fi 6 wireless AP for hotels, offices, schools, factories, government, finance, business, and other indoor high-density scenarios. It is perfect for small office environments like hotels, apartments, healthcare facilities, and educational settings.

- Suitable for junction boxes (86mm x 86 mm, EU standard, and US standard), even flat wall installation
- PoE output to VoIPs, enabling emergency calls in case of a power outage
- IEEE 802.11ax-compliant, 2.4 GHz and 5 GHz frequency bands, and access rate of up to 2.975 Gbps
- Wireless network security, radio control, mobile access, QoS, seamless roaming, and IoT application extension
- Client access management, data forwarding, secure access control, and other network deployments with Ruijie ACs
- Local power supply and PoE
- 48 V DC local power supply and IEEE 802.3af/at-compliant PoE input

RG-AP180



-  Wireless throughput of up to 1.8 Gbps
-  4 spatial streams
-  1GE uplink ports
-  4 x 1GE downlink ports
-  86 mm x 86 mm/US standard/EU standard junction box







The RG-AP180 is a dual-band 802.11ax-compliant Wi-Fi 6 wireless AP for hotels, offices, schools, factories, government, finance, business, and other indoor high-density scenarios. It is perfect for small office environments like hotels, apartments, healthcare facilities, and educational settings.

- IEEE 802.11ax-compliant, 2.4 GHz and 5 GHz frequency bands, and access rate of up to 2.975 Gbps
- Wireless network security, radio control, mobile access, QoS, seamless roaming, and IoT application extension
- Client access management, data forwarding, secure access control, and other network deployments with Ruijie ACs
- Accommodating 86 mm x 86 mm, US standard, and EU standard junction boxes using mount accessories (sold separately)
- 48 V DC local power supply and IEEE 802.3af-compliant PoE input

ACs

RG-WS6512-L

-  High-performance large campus AC
-  Managing up to 1,152 universal APs
-  Advanced wireless intrusion prevention system (WIPS)
-  VAC
-  UPSK/PPSK/802.1X enterprise authentication for staff
-  Web portal authentication for guests

The RG-WS6512 is a high-performance AC developed for next-generation high-speed wireless networks. It can be deployed on a Layer 2 or Layer 3 network without any architecture or hardware changes, delivering seamless and secure control over wireless networks.

- Managing up to 128 wireless APs by default
- Layered management and control for large networks
- Switches between centralized and local forwarding
- Load balancing between APs, dynamic bandwidth allocation for clients, 5G band steering, and smooth network connection

RG-WS6012-L



- High-performance large campus AC
- Managing up to 448 universal APs
- Advanced wireless intrusion prevention system (WIPS)
- VAC
- UPSK/PPSK/802.1X enterprise authentication for staff
- Web portal authentication for guest

The RG-WS6012-L high-performance wireless access controller (AC), developed by Ruijie Networks, is targeted for high-speed wireless networks. It can be deployed on a Layer 2 or Layer 3 network without any architecture or hardware device changes, delivering seamless and secure control over wireless networks.

- Managing up to 32 APs by default
- Managing up to 448 universal APs
- Simplifying wireless networks by centralized and visualized management and control

RG-WS6008



- Next-generation enterprise-class AC
- Managing up to 224 universal APs
- Advanced WIPS
- VAC
- UPSK/PPSK/802.1X enterprise authentication for staff
- Web portal authentication for guests

The Ruijie WS6008 AC is a next-generation enterprise-class AC that delivers a secure, robust, highly scalable wireless solution with an unbeatable TCO. It can be deployed on a Layer 2 or Layer 3 network without any architecture or hardware changes, delivering seamless and secure control over wireless networks.

- Managing up to 32 APs by default
- Managing up to 224 universal APs or 448 wall-plate APs with a capacity expansion license
- Simplifying wireless networks by centralized and visualized management and control

Ruijie Firewalls

Ruijie Z-Series Firewalls

OVERVIEW

The Ruijie Z-Series firewalls adopt a high-performance network forwarding service platform based on data plane development kit (DPDK), support easy and fast intelligent setup, and provide active asset discovery, intelligent policy recommendation, one-click fault analysis, and business health diagnostics to simplify product setup and maintenance. They boast rich security functions, including intrusion prevention system (IPS), antivirus, port scanning, traffic analysis, application control, and DoS/DDoS protection. They enable centralized Ruijie Cloud management, data synchronization, cloud analytics and reporting, remote monitoring and maintenance, batch configuration, and automated inspection. The capacity and performance of the Ruijie Z-Series firewalls can be expanded by purchasing additional licenses. They are suitable for deployment on the user's Internet egress.



RG-WALL 1600-Z3200-S



RG-WALL 1600-Z5100-S

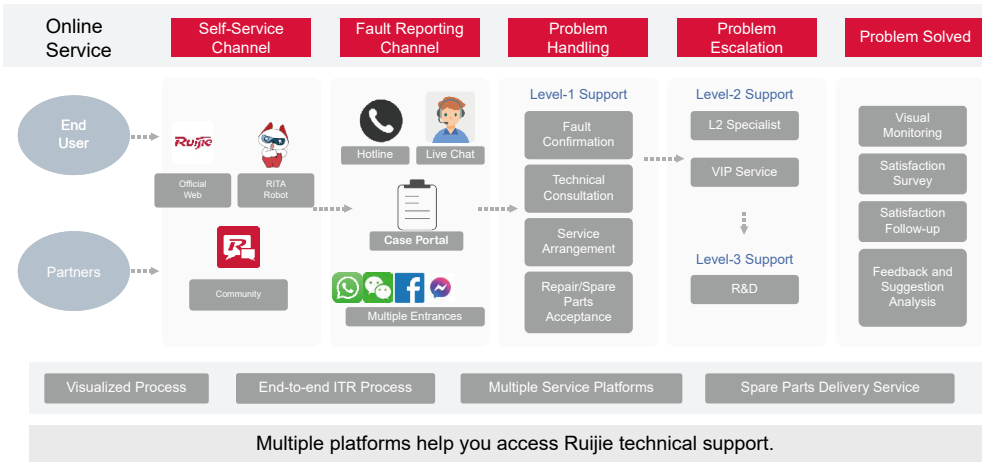
KEY FEATURES

- Easy deployment and simple O&M, unlocking the full potential of security defenses
- Port scan, traffic analysis, and intelligent policy recommendation
- Policy execution after simulation, and policy optimization anytime
- One-click troubleshooting in the intelligent diagnostic center
- Cloud management, allowing for remote upgrade in batches

| Product | Type | Description |
|-------------------------------|-----------|--|
| RG-WALL 1600-Z3200-S | Hardware | The RG-WALL 1600-Z3200-S cloud-managed firewall provides 8 x 1GE Ethernet ports, 1 x 1GE SFP port, 1 x 10GE SFP+ port and a single power supply (for factory delivery). It is 1 RU high and can be expanded with the 1 TB Ruijie enterprise-class hard disk. |
| RG-WALL 1600-Z3200-S-1G-LIC | Software | RG-WALL 1600-Z3200-S firewall performance expansion license. Each license increases the network throughput by 1 Gbps (up to 2 Gbps). |
| RG-WALL 1600-Z3200-S-LIS-E-1Y | Software | RG-WALL 1600-Z3200-S five-in-one firewall license, enabling IPS, antivirus, application recognition, threat intelligence, and URL signature database. Each license includes 1-year IPS, antivirus, app, URL upgrade services, and 1-year threat intelligence service. |
| RG-WALL 1600-Z5100-S | Hardware | The Ruijie RG-WALL 1600-Z5100-S is a next-generation firewall with fixed 8 x 1GE ports, 2 x 1GE SFP ports, and 4 x 10GE SFP+ ports. It is 1 RU high and comes with a single power module for factory delivery. It supports power redundancy and can be expanded with 1 TB Ruijie enterprise-class hard disk. |
| RG-WALL 1600-Z5100-S-1G-LIC | Software | RG-WALL 1600-Z5100-S firewall performance expansion license. Each license increases the network throughput by 1 Gbps (up to 7 Gbps). |
| RG-WALL 1600-Z5100-S-LIS-E-1Y | Software | RG-WALL 1600-Z5100-S five-in-one firewall license: IPS, antivirus, application recognition, threat intelligence, and URL signature database. Each license includes 1-year IPS, antivirus, app, URL upgrade services, and 1-year threat intelligence service. |
| RG-NSEC-HDD-1T | Accessory | 1 TB enterprise-class hard disk, for syslog storage configuration |

Ruijie Service & Support

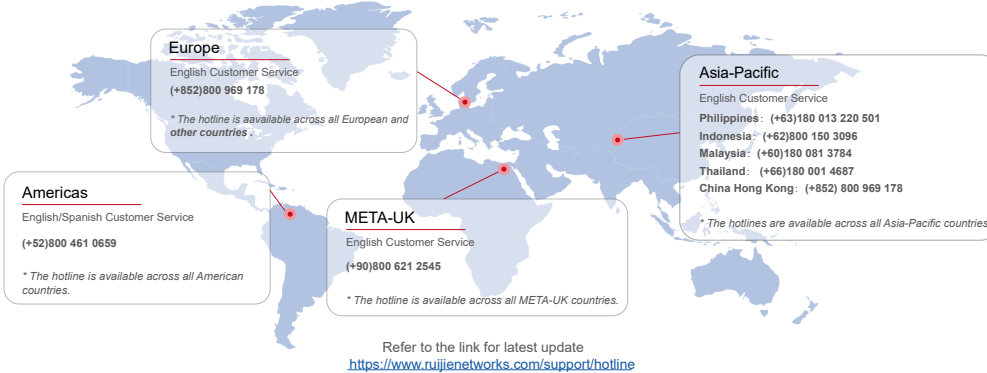
Service Capability Introduction — Remote Technical Support Overview



Service Capability Introduction

Instant free consultation is available through a worldwide service hotline service.

- Customer service available during local business hours (warranty: R-Care Service)
- Spanish customer service available during business hours of GMT-6



Service Capability Introduction

Spare part services and on-site services with varying timeframes, such as 4 hours (4H), next day (ND) and next business day (NBD), will be provided by Ruijie to meet the continuous business requirements of customers across various business scenarios.



Service outlets across 34 countries and regions



Ruijie's spare part warehouses across 22 regions

Ruijie's services available across 50+ countries and 106+ cities

For wider coverage and more convenient services, Ruijie will accelerate the establishment of international service outlets as part of our global business expansion.

Certification for Post-Sales Engineers

● Professional Certification

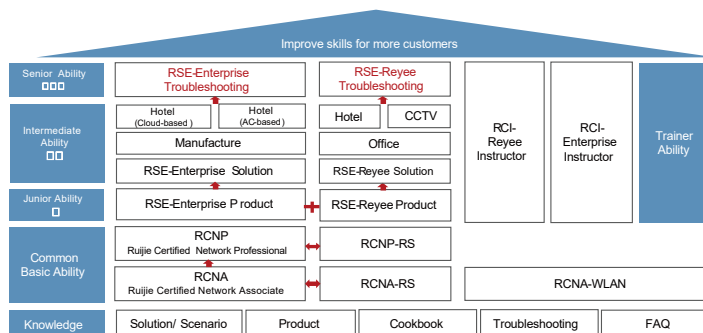
Enhancing engineers' general technical skills

● RSE Certification

Providing training on products, solutions, and troubleshooting
Expanding engineers' product knowledge base

● Instructor Certification

Developing the capabilities of instructors and empowering more engineers



| Certifications | RCNA | RCNP | RSE-Technical | | | RCI-Instructor | |
|--------------------|-----------------------------|--|-----------------------------|----------------------|----------------|--|---------------------|
| | | | Junior Ability | Intermediate Ability | Senior Ability | RCI-Reyee | RCI-Enterprise |
| Target Partner | All RuijiePartners | All RuijiePartners | Register Partner | ASP/ Silver | ASP/ Gold | Reyee/VAD | Ruijie VAD |
| Training Form | Online (E-learning/YouTube) | Online (E-learning/YouTube) | On-site/Online (E-learning) | | | Online (E-learning) | Online (E-learning) |
| Exam Form | Online(E-learning) | Offline(VUE_paid exam) | Multilingual online exams | | | Technical certificate +TTT learning+ defense | |
| Period of Validity | 2 Years | 3 Years | 2 Years | | | | |
| Level Up Rules | No skipping allowed | | | | | | |

Ruijie provides charged R-Care+ services for customers' business continuity.

R-Care+ includes flexible spare parts and on-site services tailored to customers' requirements, providing efficient and professional support for their continuous and stable network operation.

| Products | R-Care+ Device Maintenance Services | | | |
|-----------------------------|---|--|--|---|
| | AHR Standard 9x5xNBD Standard AHR Service | AHR Golden 24x7x4 Golden AHR Service | On-site Standard 9x5xNBD Standard Onsite Service | On-site Golden 24x7x4 Golden Onsite Service |
| Remote Technical Assistance | live chat & hot line : 24x7 | live chat & hot line : 24x7 | live chat & hot line : 24x7 | live chat & hot line : 24x7 |
| Online Self-help Support | Yes | Yes | Yes | Yes |
| Software Updates | Up to EOS+2 years | Up to EOS+2 years | Up to EOS+2 years | Up to EOS+2 years |
| RMA Service | 9x5xNBD-arrive | 24x7x4-arrive | 9x5xNBD | 24x7x4H |
| On-Site Service Level | / | / | 9x5xNBD-arrive | 24x7x4H-arrive |

Note:

AHR: Advanced Hardware Replacement

NBD: Next Business Day

9*5*15CD-S: 15 Calendar Day Ship out

***3Y Warranty Service (9x5x15CD-S Basic RFR Service) is free**

Access to First-hand News about Ruijie Technical Support

Public platform for technical information
Technology sharing, daily engineer updates, public training information
FAQs



Facebook



LinkedIn



Community

Ruijie



Ruijie Networks Co., Ltd.

For further information, please visit our website <https://www.ruijienetworks.com/>

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