Ruijie | Reyee

DATASHEET

RG-EG1510XS

The Powerful EG go BIG, Next Level Flagship Business Router For Up To 1500 Clients



Highlights

- Supreme Capacity Up to 1500 concurrent Clients
- The Brilliant Brain of Network Management
- Freely Open to Third-Party Authentication Integration
- Easy Intranet Connection
- Terminal Recognition for Easy Management & Bandwidth Management
- Easy VPN Configuration

Date: 2026.10.30

Highlight Features



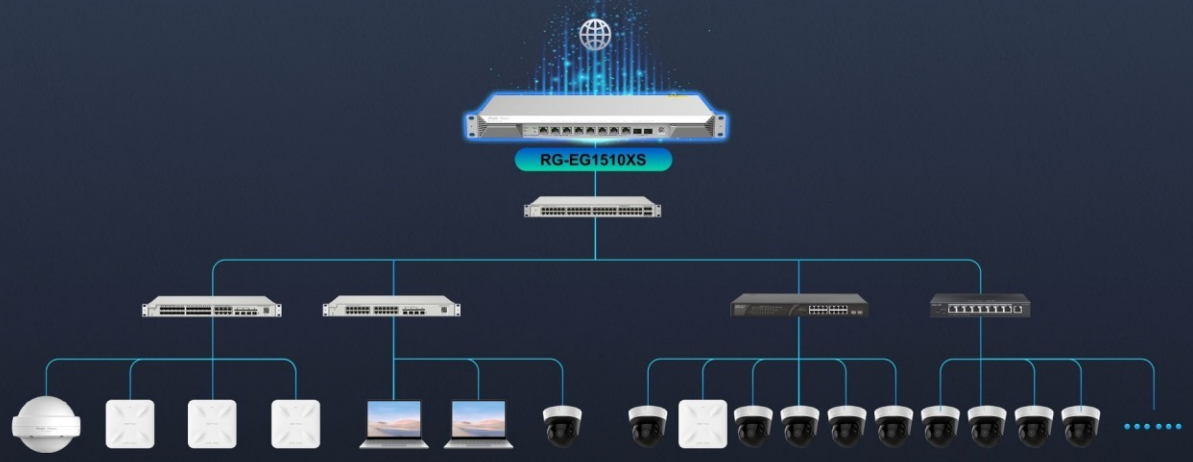




Highlight Features

The Brillant Brain of Network Management

Link up all Reyee devices intelligently in one click and make management in unity



Easy Intranet Connection

The management concole uniformly display all third-party devices that enabled easy intranet connection and link to its web interface by one click



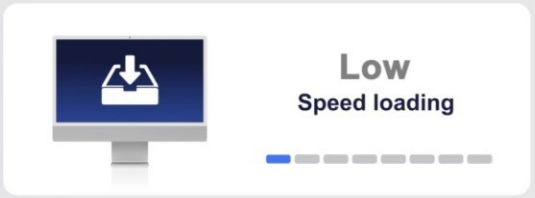
Freely Open to Third-Party Authentication Integration

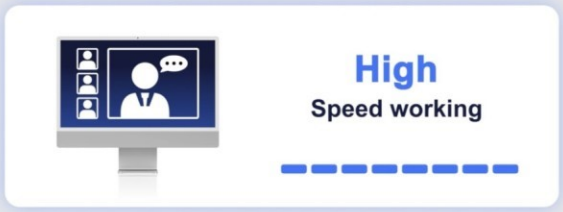


Highlight Features

Terminal Recognition & Flow Control

Accurately identify the third-party devices, quickly locate high-load users and tuning network

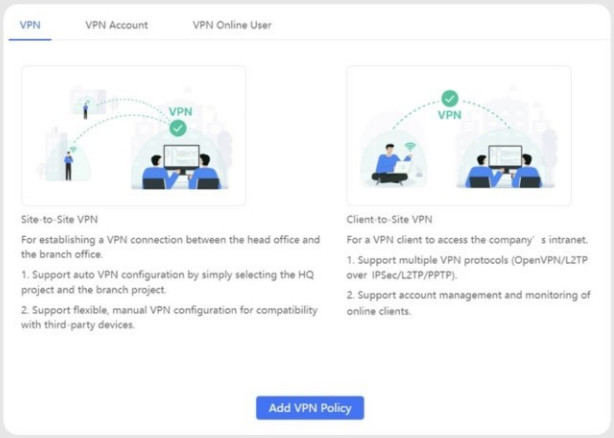




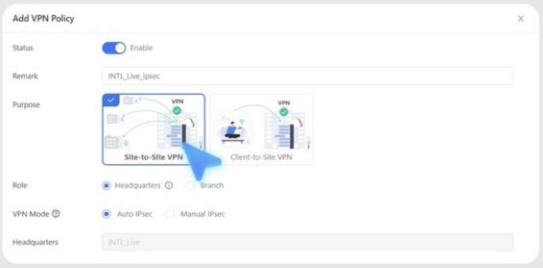


Easy VPN Configurations

Three steps to configure VPN easily and stably



Step1: Add VPN policy



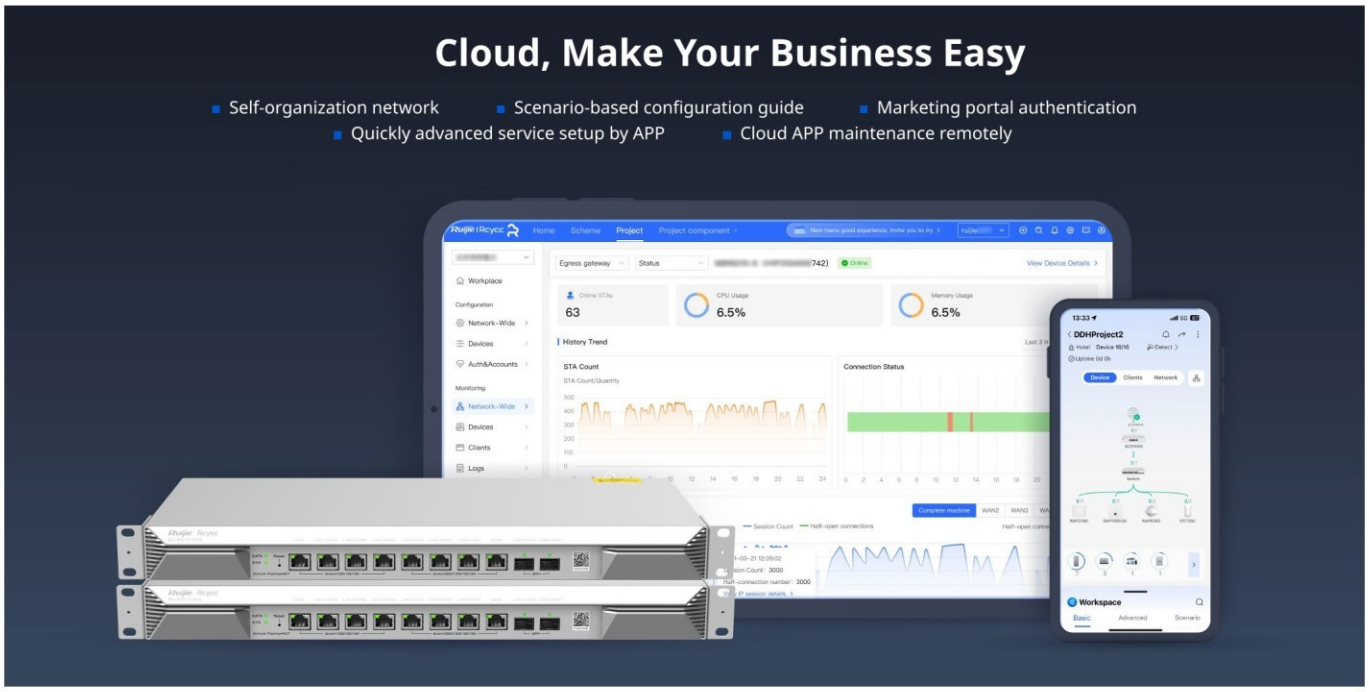
Step2: Select a suitable mode



Step3: Enter the IP Address of the corresponding server



Highlight Features



Hardware Specifications

Model	RG-EG1510XS
Power Supply and Consumption	
Power supply	Fixed power supply
Maximum power consumption	20 W
Environment and Reliability	
Cooling	Natural cooling
Fan	Fanless design
Mounting options	Rack Note: The device occupies 1 U of the rack space.
Operating humidity	10% RH to 90% RH (non-condensing)
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	–40°C to +70°C (–40°F to +158°F)
Surge protection	Service port: ±6 kV for common mode Power connector: ±6 kV for common mode and ±6 kV for differential mode
System Specifications	
CPU	Quad-core processor, 1.8 GHz clock frequency per core
Flash memory	128 MB
RAM	4 GB
Hard disk	1 x standard SATA 3.0 HDD
Dimensions and Weight	

Hardware Specifications

Model	RG-EG1510XS
Package dimensions (W x D x H)	605 mm x 480 mm x 315 mm (23.82 in. x 18.9 in. x 12.4 in.)
Product dimensions (W x D x H)	440 mm x 210 mm x 43.6 mm (17.32 in. × 8.27 in. × 1.72 in.)
Shipping weight	3.82 kg (8.42 lbs)
Weight	3 kg (6.61 lbs)
Port Specifications	
Total number of optical ports	2
Total number of RJ45 ports	8
Number of 10/100/1000BASE-T ports	4
Number of 10/100/1000/2500BASE-T ports	4
Number of 10GE SFP+ ports	2
Maximum number of LAN ports	9
Maximum number of WAN ports	9
Number of fixed LAN ports	1
Number of fixed WAN ports	1
Number of LAN/WAN ports	8
LEDs	1 x system status LED 10 x Ethernet port LEDs 1 x HDD LED
Reset button	1

Software Specifications

Model	RG-EG1510XS
SD-WAN	
SD-WAN	Yes
SD-WAN performance	1200 Mbps
Number of tunnels supported by SD-WAN	3000
Maximum number of SD-WAN branches	1000
Active/Standby mode (automatically switching to the standby interface when the active interface fails)	Yes
Tunnel bandwidth test	Yes
Bypass networking for a device in AP mode	No
Centralized traffic forwarding policy	Yes
Multi-WAN bandwidth aggregation efficiency (lab data)	⩾ 80%
Network Management and Monitoring	
Web management	Yes
Ruijie Cloud management	Yes
Management on Ruijie Reyee App	Yes

Software Specifications

Model	RG-EG1510XS
Remotely monitoring devices through Ruijie Reyee App	Yes
Restarting devices through Ruijie Reyee App	Yes
Upgrading device software version through Ruijie Reyee App	Yes
Fault diagnosis	Yes
FTP client (IPv4 address)	No
FTP server (IPv4 address)	No
TFTP client (IPv4 address)	Yes
TFTP server (IPv4 address)	No
HTTPS login	Yes
NTP client	Yes
NTP server	No
Scheduled device restart	Yes
SNMPv1, v2c, and v3	Yes
SON	Yes
SSH	No
Telnet	No
Web login information	Default IP Address: 192.168.110.1 Default Password: admin

Software Specifications

Model	RG-EG1510XS
Maximum number of managed devices (router mode)	AP and NBS series: 1000 ES series: 128 Note: The maximum number of managed devices varies with each device series.
Maximum number of managed devices (AC mode)	AP and NBS series: 1000 ES series: 128 Note: The maximum number of managed devices varies with each device series.
IP Routing	
Application-based routing	Yes
Bandwidth aggregation	Yes
BGP	Yes
BGP4	Yes
BGP4+	Yes
ECMP	No
IPv4 static route	Yes
IPv6 PBR	Yes
Route selection based on national address database	Yes
IPv6 static route	Yes
IS-ISv4	No

Software Specifications

Model	RG-EG1510XS
IS-ISv6	No
Load balancing based on flows	Yes
Load balancing based on source IP addresses	Yes
Load balancing based on the interface weight	Yes
Route selection by link quality	Yes
OSPFv2	Yes
OSPFv3	Yes
RIP	Yes
RIPng	Yes
System Performance Capacity	
Maximum number of concurrent sessions	300000
Recommended number of concurrent clients	1500
Throughput	4500 Mbps (Turbo Mode) 4000 Mbps (Normal Mode)
Security	
ACL	Yes
DHCP snooping	No

Software Specifications

Model	RG-EG1510XS
Malformed packet attack defense	Yes
Fragmentation attack defense	Yes
Teardrop attack defense	Yes
LAND attack defense	Yes
SYN flood attack defense	Yes
Smurf attack defense	Yes
IP attack defense	Yes
Disabling ping	Yes
Stateful ACL	Yes
IP-MAC binding	Yes
Network sharing prevention	Yes
Security log	Yes
Security zone	Yes
User group-based connection limiting	Yes
Gateway Features	
WAN failover	Yes
Application priority	Yes
Application recognition	Yes
Behavior management	Yes
QoS	Yes

Software Specifications

Model	RG-EG1510XS
Time-based blocking policy **IP address-based blocking policy**	Yes
Website filtering: custom URL	Yes
Traffic audit	Yes
URL audit log	Yes
Audit log server	Yes
Audit log storage	Yes
Uploading audit logs to a server	Yes
Ethernet Interface	
Avoiding IP address conflicts on WAN interfaces	Yes
Multiple IP addresses on a WAN port	Yes
Sub-interface	Yes
Load balancing	Yes
MAC address cloning	Yes
Multiple WAN interfaces on the same network segment	Yes
PPPoE clients	Yes
Scheduled PPPoE reconnection	No
Authentication	
Portal authentication	Yes

Software Specifications

Model	RG-EG1510XS
One-click authentication	Yes
Password authentication	Yes
SMS-based authentication	Yes
Voucher authentication supported by Ruijie Cloud portal page	Yes
Cloud portal authentication	Yes
Local portal authentication	Yes
QR code authentication	Yes
Custom portal page	Yes
Account-based authentication supported by Ruijie Cloud portal page	Yes
CHAP, MS-CHAPv1, MS-CHAPv2	Yes
Delivery through Ruijie Cloud portal page	Yes
802.1X authentication	Yes
MAC address-based authentication	Yes
PPPoE server	Yes
Number of accounts supported by the PPPoE server	1500

Software Specifications

Model	RG-EG1510XS
RADIUS flow control authorization supported by WISPr authentication	Yes
Number of concurrent clients supported by the PPPoE server	1000
RADIUS flow control authorization supported by PPPoE authentication	Yes
PAP	Yes
RADIUS authentication	Yes
RADIUS client	Yes
RADIUS accounting based on time or traffic	Yes
RADIUS proxy server	Yes
RADIUS traffic quota authorization	Yes
RADIUS user group authorization	Yes
Third-party authentication	Yes
Reliability	
Stacking	No
VRRP	No
Basic Configurations	
AC mode	Yes

Software Specifications

Model	RG-EG1510XS
Automatically identifying the Internet access mode and obtaining IP addresses	Yes
Automatically learning the PPPoE username and password of other routers	Yes
Configuration backup	Yes
Internet access mode	Static IP address Static IPv6 address Dynamic IP address Dynamic IPv6 address PPPoE
Local upgrade	Yes
Log upload	Yes
Online upgrade	Yes
Restoring factory defaults	Yes
System language	English, Chinese, Turkish, Arabic, Vietnamese, Thai, Indonesian, Latin American Spanish, Brazilian Portuguese, Russian, French, German, European Spanish, Italian, and Polish
VPN	
IPsec VPN	Yes

Software Specifications

Model	RG-EG1510XS
IPsec VPN bandwidth	1100 Mbps
Maximum number of branches in IPsec VPN networking	1000
L2TP VPN	Yes
L2TP VPN bandwidth	1150 Mbps
Maximum number of branches in L2TP VPN networking	1000
OpenVPN	Yes
OpenVPN bandwidth	350 Mbps
Maximum number of branches in OpenVPN networking	1000
PPTP VPN	Yes
PPTP VPN bandwidth	1700 Mbps
Maximum number of branches in PPTP VPN networking	1000
SSL VPN	No
Easy VPN 1.0	No
Number of VPN accounts for L2TP, PPTP, and OpenVPN	1500
WireGuard server	Yes
WireGuard client	Yes

Software Specifications

Model	RG-EG1510XS
WireGuard performance	1200 Mbps
Number of concurrent tunnels supported by the WireGuard server	1000
IP Service	
3322.org	Yes
ALG	Yes
ARP binding	Yes
Maximum number of ARP entries	4096
Proxy ARP	No
Cloudflare	Yes
DHCP client	Yes
DHCP server	Yes
DHCP relay	No
Option 43	Yes
Option 138	Yes
Static/Dynamic NAT	Yes
Turbo mode	yes
NAT loopback	Yes
DNS client	Yes
DNS proxy	Yes
DNS server	Yes

Software Specifications

Model	RG-EG1510XS
DNS blocklist or allowlist	Yes
Maximum number of domains supported by a DNS blocklist or allowlist	2000
Maximum number of policies supported by a DNS blocklist or allowlist	10
No-IP DNS	Yes
GRE tunnel	No
IPTV	Yes
IPv4 ping	Yes
IPv6	Yes
IPv6 ping	Yes
Number of port mapping entries	512
Port mapping	Yes
DDNS	Yes
Ruijie DDNS	Yes
Alibaba Cloud DDNS	Yes
UPnP	Yes
Number of sub-interfaces configured on a WAN port	32

Software Specifications

Model	RG-EG1510XS
Ethernet Switching	
Link aggregation	No
LLDP	No
VLAN	Yes
VLAN configuration supported on LAN ports	Yes
Super-VLAN	No
Configuring the same VLAN tag for multiple WAN ports	Yes
VLAN priority	Yes
WLAN	
Wireless Intelligent Optimization (WIO)	Yes

Package Contents

Model	RG-EG1510XS
Accessories	
Rack-mount bracket	2
Power cord	1 x 1.8 m (70.86 in.)
Power cord retention clip	1
Rubber pad	4
Screw	8 X M4 x 8 mm cross recessed countersunk head screws
Manual	
User Manual	1
Warranty Card	1

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Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com