Ruijie | Reyee

RG-EG710XS
Reyee 10-Port High-Performance Cloud Managed Router

DATASHEET   **Explore More** ▶

/ Highlights

- High capacity supporting up to 700 concurrent clients

- 3 Gbps throughput, high-performance router for office networks

- Powerful VPN with 300 tunnels for branches and remote employees

- Efficient bandwidth management based on applications and users

- Multi-WAN, intelligent load balancing

- Lifetime management on Ruijie Cloud anytime, anywhere

Highlight Features

Unleashing Speed, Empowering Connections

High-Speed Business Router for Up to 700 Clients

RG-EG710XS

700
Concurrent Clients

300
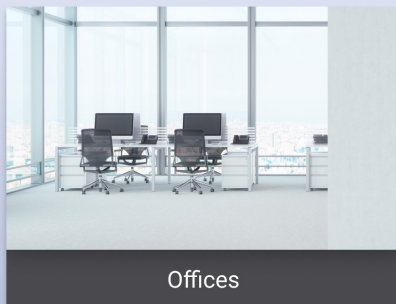VPN Tunnels

3 Gbps
Throughput

Multi-WAN
Load Balancing

Speed. Security. Power.

RG-EG710XS Can Fit Diverse Networking Scenarios with Ease
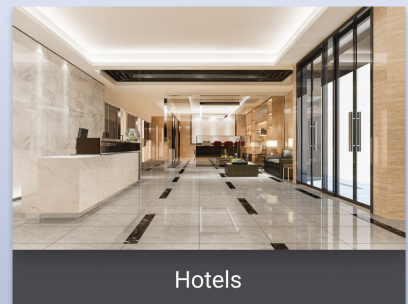
Scenarios   Concurrent Clients

Offices

HQ with Multi-Branches

Hotels

Authentication
and Authorization

VPN IPsec, OpenVPN,
L2TP, PPTP, WireGuard

Customized
Portal Page

Connect Up to 700 Clients

Highlight Features

Easy NAT Traversal

The management console uniformly displays all third-party devices, enabling easy intranet access and one-click links to their web interfaces.
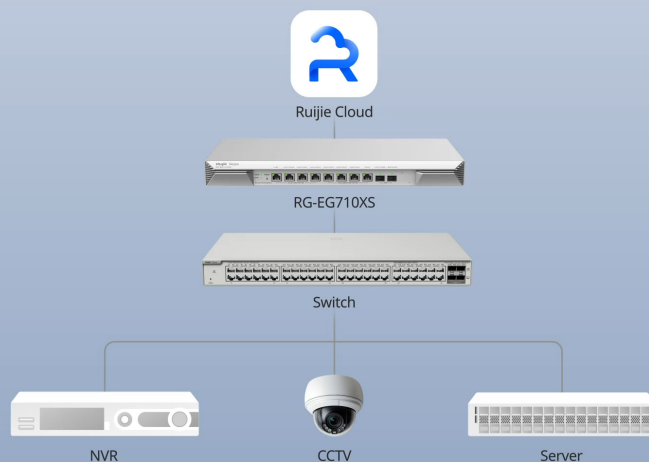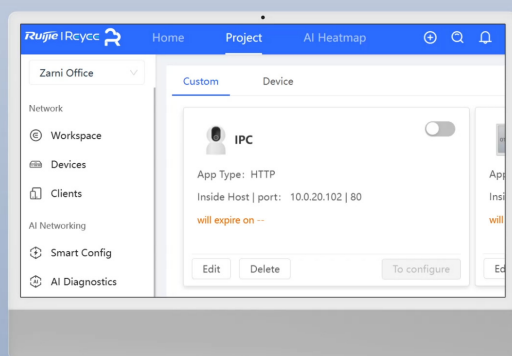
Client Recognition & Flow Control
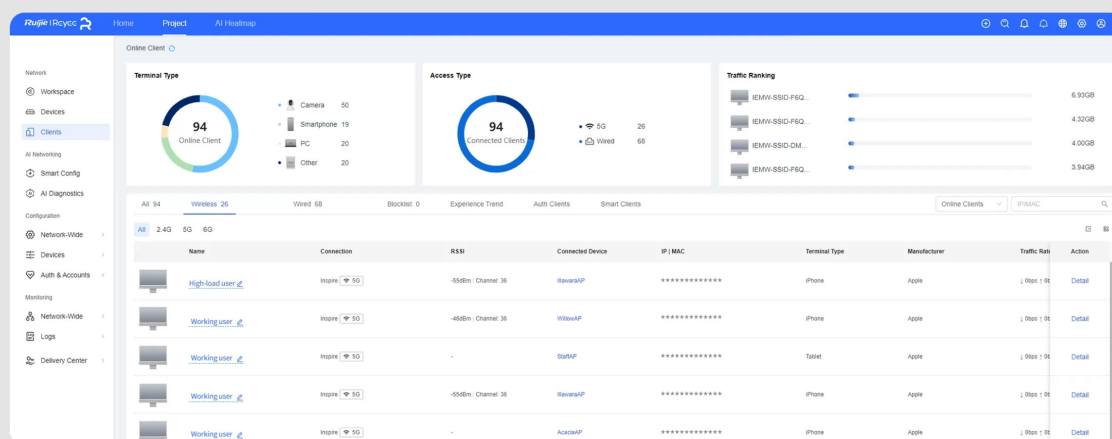
Cloud, Make Your Business Easy

- ▪ Self-organizing network
- ▪ Scenario-based configuration guide
- ▪ Marketing portal authentication
- ▪ Quickly advanced service setup by APP
- ▪ Remote management based on Ruijie Cloud and Ruijie Reyee App

Specifications

Model	RG-EG710XS
Hardware Specifications	

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
System Specifications	CPU	Quad-core processor, 1.8 GHz clock frequency per core
	Flash memory	256 MB
	RAM	2 GB
Power Supply and Consumption	Power supply	Fixed power supply
	Maximum power consumption	14 W
Interface Specifications	LEDs	1 x system status LED 10 x Ethernet port LEDs
	Reset button	1
Dimensions and Weight	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. x 8.27 in. x 1.72 in.)
	Shipping weight	3.5 kg (7.72 lbs)
	Weight	2.65 kg (5.84 lbs)

/ Specifications

Model	RG-EG710XS
Hardware Specifications	

Environment and Reliability	Cooling	Natural cooling
	Fan	Fanless
	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

Software Specifications		
System Performance Capacity	Maximum number of concurrent sessions	150000
	Recommended number of concurrent clients	700
	Throughput	3000 Mbps
Basic Configurations	AC mode	Yes
	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	PPPoE DHCP Static IP
	Local upgrade	Yes
	Log upload	Yes
	Online upgrade	Yes

Specifications

Model	RG-EG710XS
Software Specifications	

Basic Configurations	Restoring factory defaults	Yes
	System language	English, Chinese, Turkish, Arabic, Vietnamesee, Thai, Indonesian, Latin American Spanish, Brazilian Portuguese, Russian, French, German, European Spanish, Italian, and Polish.
Authentication	Portal authentication	Yes
	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
	802.1X authentication	Yes
	MAC address-based authentication	Yes
	PPPoE server	Yes
	Number of accounts supported by the PPPoE server	700
	Number of concurrent clients supported by the PPPoE server	400
	PAP	Yes
	RADIUS authentication	Yes
	RADIUS client	Yes
	Third-party authentication	Yes

Specifications

Model	RG-EG710XS
Software Specifications	
Ethernet Interface — Avoiding IP address conflicts on WAN interfaces	Yes
Load balancing	Yes
MAC address cloning	Yes
Multiple WAN interfaces on the same network segment	Yes
PPPoE clients	Yes
Scheduled PPPoE reconnection	No
Ethernet Switching — Configuring multiple VLANs upon configuration delivery	No
Link aggregation	No
LLDP	No
VLAN	Yes
Maximum number of VLANs	128
Port-based VLAN	Yes
Super-VLAN	No
VLAN priority	Yes
Number of MAC address entries to be filtered	512
Gateway Features — WAN failover	Yes
Application priority	Yes
Application recognition	Yes
Behavior management	Yes
Flow control	Yes
Time-based blocking policy IP address-based blocking policy	Yes

Specifications

Model	RG-EG710XS
Software Specifications	
Gateway Features	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
IP Routing	Application-based routing	No
	Bandwidth aggregation	Yes
	BGP	Yes
	BGP4	Yes
	BGP4+	Yes
	ECMP	No
	IPv4 static route	Yes
	IPv6 PBR	Yes
	IPv6 static route	Yes
	IS-ISv4	No
	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
	OSPFv2	Yes
	OSPFv3	Yes

Specifications

Model	RG-EG710XS
Software Specifications	

IP Routing	RIP	Yes
	RIPng	Yes

IP Service	ALG	Yes
	ARP binding	Yes
	Maximum number of ARP entries	2048
	Proxy ARP	No
	Cloudflare	Yes
	DHCP client	Yes
	DHCP server	Yes
	Option 43	Yes
	Option 138	Yes
	Static/Dynamic NAT	Yes
	NAT-PT	No
	NAT loopback	Yes
	DNS client	Yes
	DNS proxy	Yes
	DNS server	Yes
	No-IP DNS	Yes
	GRE tunnel	No
	IPTV	Yes
	IPv4 ping	Yes

Specifications

Model	RG-EG710XS
Software Specifications	

IP Service	IPv6	Yes
	IPv6 ping	Yes
	Number of port mapping entries	512
	Port mapping	Yes
	DDNS	Yes
	Ruijie DDNS	Yes
	UPnP	Yes
MPLS	MPLS L2VPN	No
Network Management and Monitoring	Web management	Yes
	Ruijie Cloud management	Yes
	Management on Ruijie Reyee App	Yes
	Remotely monitoring devices through Ruijie Reyee App	Yes
	Restarting devices through Ruijie Reyee App	Yes
	Upgrading device software version through Ruijie Reyee App	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

Specifications

Model	RG-EG710XS
Software Specifications	

Network Management and Monitoring	Scheduled device restart	Yes
	SNMPv1, v2c, and v3	Yes
	SON	Yes
Reliability	Stacking	No
	VRRP	No
SD-WAN	SD-WAN performance	1100 Mbps
	Number of tunnels supported by SD-WAN	1500
	Maximum number of SD-WAN branches	300
	Active/Standby mode (automatically switching to the standby interface when the active interface fails)	Yes
	Network detection	Yes
Security	ACL	Yes
	IPv6 ACL	Yes
	DHCP snooping	No
	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

/ Specifications

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Software Specifications	

Security	Stateful firewall	Yes
	IP-MAC binding	Yes
	Network sharing prevention	Yes
	Security log	Yes
	Security zone	Yes
	User group-based connection limiting	Yes
VPN	IPsec VPN	Yes
	IPsec VPN bandwidth	1100 Mbps
	Maximum number of branches in IPsec VPN networking	300
	L2TP VPN	Yes
	L2TP VPN bandwidth	1100 Mbps
	Maximum number of branches in L2TP VPN networking	300
	OpenVPN	Yes
	OpenVPN bandwidth	350 Mbps
	Maximum number of branches in OpenVPN networking	300
	PPTP VPN	Yes
	PPTP VPN bandwidth	1700 Mbps
	Maximum number of branches in PPTP VPN networking	300
	SSL VPN	No
	Easy VPN 1.0	No

Specifications

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Software Specifications	

VPN	Number of VPN accounts for L2TP, PPTP, and OpenVPN	700
	WireGuard server	Yes
	WireGuard client	Yes
	WireGuard performance	1100 Mbps
	Number of concurrent tunnels supported by the WireGuard server	300
WLAN	Maximum number of APs (AC mode)	800
	Maximum number of devices that can be managed	128
	Wireless Intelligent Optimization (WIO)	Yes
Package Contents		
Accessories	Mounting bracket	2
	Power cord	70.86 in. x 1 pieces
	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