10 Port Multi-Gigabit High Performance Cloud-Managed Gateway Router, Up to 9 WAN Load Balanced (4x 2.5 RJ45 GbE, 4x RJ45 GbE, 2x 10GE SFP+)

RG-EG1510XS

The RG-EG1510XS is a 10 port Multi-WAN high-performance cloud-managed router with 4 x 2.5 GbE Base-T ports, 4 x GbE Base-T ports and 2 x 10Gb SFP ports. The router features one fixed WAN and one fixed LAN port with eight ports switchable. The RG-EG1510XS supports up to 1500 concurrent client connections and supports WAN bonding for increased input bandwidth and redundancy. The router has an integrated access point and switch controller that supports up to 1000 Reyee WiFi APs or NBS switches and 128 ES series switches in router or AC mode.

Former Part No. 57MM-MG06

3-Year Manufacturer's Warranty

For full terms & conditions, please see – Ruijie Warranty T&Cs.

Features and Benefits

- 10 port WAN/LAN high-performance cloud-managed router with port bonding for maximum throughput with built-in AP and switch controller
- Supports up to 1500 concurrent clients with behaviour management and flow control policies
- Free cloud management for monitoring and setup with simple operation and maintenance on the Ruijie Cloud App
- Throughput - 4 Gbps (1518 Byte, NAT+Flow Audit) 3 Gbps (1518 Byte, NAT+Authentication, Application Identification, Flow Audit and Flow Control)
- Supports WAN load balancing with source IP-based load balance, session-based Load Balancing, Real-time load balance and WAN port failover
- VPN Server and Client support, IPsec, L2TP, PPTP, OpenVPN

Specifications

Hardware Specifications

Basic Specifications

WAN Port	1 10/100/1000M Base-T ports
LAN Port	1 10/100/1000M Base-T ports
LAN/WAN Switchable Port(s)	3×10/100/1000 Base-T 3×10/100/1000/2500 Base-T 2 x 10G/1G Base-X SFP (LAN7/ WAN8 port is compatible to 2.5G)
Throughput	4 Gbps (1518 Byte, NAT+Flow Audit) 3 Gbps (1518 Byte, NAT+Authentication, Application Identification, Flow Audit and Flow Control)
CPU	4 Cores, 1.8 GHz
SDRAM/RAM	4 GB
Flash Memory	128 MB NAND FLASH + 8 GB EMMC
Storage	2.5" HDD bay, Supports 2.5-inch SATA 3.0 hard drive
Power Consumption	≤ 20 W
Power Supplies	100V~240V AC, 50/60Hz
DC Port Dimensions	NA
Indicator	1×system LED indicator 1×SATA LED indicator
Power Consumption	≤ 20 W
Dimensions(W×D×H)	440 mm x 210 mm x 43.6 mm (17.32 in. x 8.27 in. x 1.72 in.)
Weight	3 kg (packages not included)
Installation	Rack-mounted
Rack Dimensions	1U 19-inch Rack-mounted
Dissipation Mode	Air-cooled Heat Dissipation
Fan	Fanless
Operating Temperature	0°C to 40°C (32℉ to 104℉)
Storage Temperature	-40°C to 75°C (-40℉ to 167℉)

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Basic Specifications (continued)

Operating Humidity	10% to 90% Noncondensing
Storage Humidity	5% to 95% Noncondensing
Port Surge	6kV
IP(Ingress Protection)	IP20

Software Specifications

Basic Specifications

Network Access Mode	PPPoE Client, DHCP Client, Static IP, All Support IPv4 & IPv6
Work Mode	Router Mode or AC Mode
VLAN	Support 128 VLANs
IPTV	Support, via VLAN and via IGMP
VLAN Priority (802.1p)	Yes
Learning PPPoE Account & Password	Yes

Network management

Self-Organizing Network (SON)	Yes
No. of Devices Managed in Router Mode	1000 (APs/NBS Switches) +128 (ES Switches)
No. of Devices Managed in AC Mode	1000 (APs/NBS Switches) +128 (ES Switches)
Application Identifying (L7 DPI)	Identify 300 + Applications, including Communication, Video, Shopping, Play, Databank, P2PSoftware and Paymentt
Behavior Management(L7 Filter)	App Block (Time-based/IP-based/ User-based Policy) Website Filtering(Time-based/IP-based/ User-based Policy)
URL Auditing	Yes
Flow Control (QoS)	User Flow Control Policies IP-based Automatic Bandwidth Assignment VPN Flow Control
Traffic Auditing	Real-time Traffic Auditing
Anti Network Sharing	Support, TTL Rule

Network management (continued)

Network Terminal Management	Terminal Detect, Identification, Position Detect
SNMP v1/v2/v3	Yes
Log Auditing	NAT Log, URL Log, DHCP Log, Auth Log, (Thailand & Turkey Syslog)

VPN

VPN Sever	Support, IPsec, L2TP, PPTP, OpenVPN
VPN Client	Support, IPsec, L2TP, PPTP, OpenVPN
Only Enable IPsec VPN Overall Performance	900 Mbps
Only Enable L2TP VPN Overall Performance	1.4 Gbps
Only Enable PPTP VPN Overall Performance	1.7 Gbps
Only Enable OPENVPN Overall Performance	400 Mbps
IPsec VPN + L2TP/ PPTP VPN + OpenVPN Overall Tunnels Number	1000

Routing

Static Routing	Support, IPv4 & IPv6
RIP/RIPng	Support, IPv4 & IPv6
Policy-Based Routing (PBR)	Support, IPv4 & IPv6
OSPF v2/v3	Support, IPv4 & IPv6
WAN Port Failover	Support, Active/Standby Interface Mode
WAN Load Balancing	Support, Source IP-based Load Balance, Session-based Load Balancing, Realtimeload- based Load Balance

Network

PPPoE Client	Support, 1000 Concurrent Clients
DHCP Server	Yes
DNS Client	Yes
DNS Server	Yes

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Network (continued)

DNS Proxy	Yes
NTP Client	Yes
DDNS	DynDns, NO-IP, Ruijie DDNS
NAT	Yes
Port Mapping/DMZ	Yes
UPnP	Yes

ACL

ACL	Yes
Time-based Extended ACL	Yes

Security

ACL(Firewall)	Support, Time-based ACL (IPv4 & IPv6), Stateful Firewall
Self-Security	Ping forbidden in LAN/WAN,WEB access forbidden in LAN, Local ICMP access forbiden
IP-MAC Binding	Yes
MAC Address Filtering	MAC Address Allowlist & Blocklist
Session Number Limit	Yes
ARP	Support, ARP Bind
Attack Defense	Anti Flood Attack Anti Suspicious Packet Attack ICMP Packet Management Anti Session Attack
Security-Domain	Yes
Security Log	Yes

Authentication

Radius Client	Yes
Radius Proxy	Yes
Cloud Authentication	Account, SMS, One-Click, Voucher, Customized Portal
Local Authentication	Account, QR Code, SMS, One-Click, Voucher, Customized Portal
3rd-Party Portal Integrate Interface	WiFiDog, WISPr

AP Management (AC mode)

Configurate SSIDs	Yes
Channel Settings	Yes
STA Management	Yes

AP Management (AC mode) (continued)

Mesh Management	Yes
Wireless Roaming Settings	Yes
WIO	Yes

Device Managerment

Management Method	eWEB, Cloud, APP
Reboot Method	Reboot, Scheduled Reboot via eWEB/Cloud/APP
Default Access/ Password	192.168.110.1 Default Password: admin
Firmware Upgrade	Support, Online and Local Upgrade via eWEB, Upgrade via Cloud/APP
Configuration Backup	Yes
Factory Reset	Yes
eWEB Language	Chinese,Traditional Chinese, English, Spanish, French, Indonesian, Thailand, Russia, Turkish, German, Vietnamese, Arabic