

7 Port 1 Gbps Unified Security Gateway PoE+ Router, Up to 2 WAN Load Balanced, 135W 57MM-SG01



Ruijie EasyGate (EG) next-generation unified security gateway is a multi-functional Cloud Managed Security Gateway product for various industries. The SG01 EasyGate unified security gateway is equipped with high-performance multi-core MIPS hardware architecture and supports a wide range of features such as high-performance NAT, WAN load balancing, smart flow control, online behaviour management, visualized IPsec VPN, web authentication, etc. Furthermore, taking advantage of an integrated hard disk drive (HDD), the EG security gateway can provide local storage for Internet activities logging, which is essential for internet security compliance in many countries.



Features and Benefits

- » All-in-one smart access gateway, 8 GE ports (up to 2 WAN and 7 LAN ports), up to 7x POE/POE+ (Lifetime free L7 DPI signature update), rack mount kit included, recommended for 300 concurrent user scenarios
- » Multiple WAN ports: Up to 2 WAN ports are supported
- » Free cloud management for monitoring and setup with simple operation and maintenance on the Ruijie Cloud app
- » PoE/PoE+ IEEE 802.3af/at, 135W maximum output
- » Supports IP/MAC/MAC/URL filtering with independent VLANs for guests isolated from the internal office/hotel network.
- » VPN and traffic visualization

57MM-SG01 Specifications

Hardware Specification	
CPU	Multi-core MIPS
Fixed Ports	8 1000BASE-T ports (7x POE/POE+)
WAN Ports	Up to 2
Flash	4GB EMMC
Hard Disk	N/A
Memory	512M
Performance & Feature	
Performance	1000Mbps (1518 bytes), 450Mbps (512bytes), 70Mbps (64 bytes)
Concurrent Session	100,000
Recommended Concurrent User8	300
Portal Authentication Capacity	100 (Max Concurrent Users)

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Portal Authentication Type	Username/Password Auth (Local, Windows-based AD/LDAP Integration) Oneclick Authentication; Guest Voucher (Ruijie Cloud required)
Seamless Authentication (Portal)	Support
App Caching	Support
Cache Capacity	750MB
Cache Resources	Android APK files (nonhttps server required)
Network Protocol	Support TCP/IP protocols, including IP, ICMP, TCP, UDP, etc. Support multiple routing protocols, including static routing, RIP (V1 / V2) and OSPF Support DHCP Relay and DHCP Server Support PPPoE Client Support NAT and multiple NAT ALG including FTP, H.323, DNS, etc. Support ARP, trusted ARP, proxy ARP, etc. Support Ping and Traceroute fault detection
Application Visibility	Support self-developed 43 types of applications/ more than 120 application features, customizable protocol identification: P2P: BitTorrent, eMule, Thunder, EDONKEY, FlashGet & etc. Multimedia: YouTube, Facebook Video, WebEx Conference & etc. Social Media: Facebook, Twitter, LinkedIn, Pinterest & etc. VOIP/Chat: Skype, Viber, Google Hangout, Jabber, Facebook Messenger & etc. Instant Messaging/Email: Gmail, MSN, QQ, YAHOO & etc. Software Update: Window, McAfee, Kaspersky, ESET & etc. Cloud-based File Collaboration: GoogleDrive, Dropbox, OneDrive, iCloud & etc. Enterprise Application : HTTP, FTP, SMTP, POP3, IMAP, Telnet, LOTUSNOTES, SQL Server, Oracle, Mysql, HTTPS & etc.
URL Filtering	Support HTTP/HTTPS domain filtering, Support remote HTTP automatic URL library upgrade; Local log storage (NAT log, traffic log, URL log, etc.), Support storage on external log server
WAN Load Balancing	Support(upto 2 WAN Port)
High Availability	N/A
IPsec VPN Tunnel	16
Network Security	Anti-ARP Spoofing, Defense against malicious attacks from internal and external networks, Support secure address binding, Block WAN Ping, Prevent Port Scan Attack, Prevent, Fragmentation Attack, Prevent ICMP Flood Attack, Prevent Teardrop Attack, Prevent Ping of, Death Attack, Prevent Land Attack, Prevent Smurf / Fraggle attack, Prevent SYN Flood Attack
Layer 2 Features	N/A
Ruijie Cloud Integration Feature	Support device health monitoring status, Support centralized configuration change management & backup, Support Top 10 Application/User traffic visualization, Support device firmware management, Support event-based alarm notification
Other Features	Integrate with AAA software to support multiple authentication modes
Other Features Service and Support	Support push advertising page, Support multi-link load balancing, Support remote HTTP online upgrade for signature library, software version, etc., Lifetime Free signature library upgrade

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Rack Height	1U
Weight	2kg
Power Supply	100-240V,50-60Hz,3A
PoE Budget	135W
Power Consumption	<150W
Dimensions (W x D x H) (mm)	200x200x43.6
Operating Temperature	0°C to 45°C
Operating Humidity	10% to 90%RH
MTBF	N/A