

10 Port High Performance Cloud Managed Router, 8 x Gigabit with 1 x 10Gb SFP+ and 1 x 1Gb SFP Base-X Ports

57MM-MG05



The 57MM-MG05 is a 10 port multi-WAN high-performance cloud-managed router with 8 x GbE Base-T ports, 1 x 10Gb SFP+ and 1 x GbE SFP Base-X ports. The router features one fixed WAN and one fixed LAN port with eight ports switchable. The MG05 supports up to 1500 concurrent client connections and supports WAN bonding for increased input bandwidth (maximum 2.5 Gbps throughput) and redundancy.



3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » 10 port WAN/LAN high-performance cloud-managed router with port load balancing for maximum throughput
- » 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 - 2.5 Gbps with smart IP-based automatic bandwidth assignment
- » Supports WAN load balancing and WAN port failover
- » VPN server and client support, IPsec, L2TP, PPTP



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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)	6 x 10/100/1000 Base-T ports 1 x 1GBase-X SFP port 1 x 10GBase-X SFP+ port
Throughput	2.5 Gbps
Concurrent Clients and IP Devices	1500
System Specifications	
CPU	4 Cores, 1.2 GHz
SDRAM/RAM	2 GB
Flash Memory	8 GB EMMC + 8 MB SPIFLASH
Hard Disk Drive	1 TB (Not delivered with the router, can be added)
Physical Specifications	
LED	1 x System Status LED 1 x Power Status LED 1 x SATA LED
Button	1 x Power button
Dimensions (W x D x H)	440 mm x 43.6 mm x 200 mm (17.32 in. x 1.72 in. x 7.87 in., without rubber pads)
Mounting Method	Rack-mounted
Rack Size	1U 19-inch Rackmounted
Fan	2
Environment	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 90% RH (noncondensing)
Performance	
PPPoE Server Accounts	2000
Software Specifications	
Basic Specifications	
Internet Access Mode	PPPoE Client DHCP Client Static IP
Access Mode Auto-Identification	Yes
WAN Address Collision	Yes
VLAN	Yes
IPv6	Yes
SNMP	Yes
Network management	
Port Isolation	Yes
Port Mirroring	Yes
LAN Port Link Aggregation	Yes

Behavior Management	App Block (Time/IP-based Policy) Website Filtering Blacklist/Whitelist
Application Identification	Yes
Application Priority	Yes
Flow Control	User Flow Control Policies IP-based Automatic Bandwidth Assignment VPN Flow Control
System Log	Yes
Log Storage	Yes
Fault Diagnosis	Yes
Authentication	Portal Authentication Password Authentication Voucher Authentication SMS Authentication
VPN	
L2TP VPN	Yes
PPTP VPN	Yes
IPsec VPN	Yes
L2TP/PPTP Tunnels	1000
L2TP/IPsec VPN	1000 Mbps
Performance	
Routing	
Static Routing	Yes
RIP/RIPng	Yes
OSPFv2	Yes
OSPFv3	Yes
Equal-Cost Multi-Path Routing	Yes
Policy-Based Routing	Yes
Active/Standby Switchover of Ports	Yes
WAN Load Balancing	Yes
Network	
PPPoE Client	Yes
PPPoE Server	Support (CLI)
DHCP Server	Yes
DHCP Snooping	Yes
DNS Client	Yes
DNS Server	Yes
DNS Proxy	Yes
FTP Client	Yes
FTP Server	Yes
TFTP Client	Yes
NTP Client	Yes
DDNS	Cloud DNS

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NAT	Yes
SNMP	Yes
Ruijie Cloud	Yes
ACL	
ACL	Yes
Time-based Extended ACL	Yes
Security	
SYN Flood Attack Guard	Yes
UDP Flood Attack Guard	Yes
ICMP Flood Attack Guard	Yes
ICMP Redirection Attack Guard	Yes
ICMP Unreachable Packet Attack Guard	Yes
Fraggle Attack Guard	Yes
Overlength ICMP Packet Attack Prevention	Yes
IP-based Security Domain Division	Yes
Security Domain Division based on Physical Port (Sub Interface and Aggregation Port) and Dialup Port	Yes
Service and Support	
Cloud Management	Yes
App Management	Yes
App Upgrade	Yes
App Restart	Yes