9 Port Multi Gigabit Cloud Managed Network Switch (8 x 2.5 Gbps PoE+, 1 x 10 Gbps SFP+)
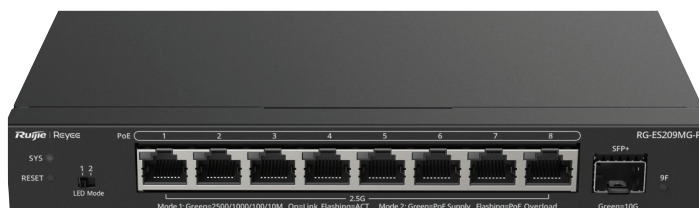## 57MM-SW09P-MG

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The 57MM-SW09P-MG is a high-speed 9-port Layer 2 switch with 8 x 2.5 Gbps PoE+ ports and 1 x 10 Gbps SFP+ uplink, delivering exceptional throughput for Wi-Fi 7 and new NBN multi-gigabit networks. It provides a 130 W PoE budget, supporting up to 30 W per port and automatically optimising power output for connected devices. Fully 802.3af/at-compliant, this switch ensures energy-efficient, secure, and stable performance. Managed easily through Ruijie Cloud, it's ideal for home, commercial, industrial, education, and retail environments seeking reliable next-generation connectivity.

PoE+   **SFP+**

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

» Multi-Gigabit performance, 8 x 2.5 Gbps RJ45 ports + 1 x 10 Gbps SFP+ uplink deliver ultra-fast connectivity for Wi-Fi 7 access points and high-bandwidth devices—eliminating traditional 1 Gb bottlenecks.

» Smart PoE Watchdog & energy efficiency, automatically detects and restarts unresponsive PoE devices while optimising power allocation for lower energy consumption and maximum uptime.

» Managed through Ruijie Cloud or the Reyee App, offering remote monitoring, configuration, and firmware updates anytime, anywhere—no controller required.

» Supports IEEE 802.3af/at with a 130 W PoE budget, providing up to 30 W per port. Ideal for powering cameras, APs, and other PoE devices without the need for additional adapters.

» A fanless metal chassis ensures reliable, noise-free operation with natural cooling—perfect for home, retail, office, and classroom installations.

» Engineered for long-term performance with 3 year warranty, ESD protection up to 8 kV, surge protection 34 kV, and a 200,000-hour MTBF, ensuring stability in demanding environments.

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Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	8
Total number of optical ports	1
Number of 10GE SFP+ ports	1
Number of 10/100/1000 /2500 BASE-T ports	8
Reset button	1
DIP switch	LED mode switch toggled to left (Mode 1): The port LED status indicates the status of traffic transmission. Solid green means that the port is link up, while blinking green means that the port is transmitting and receiving data. LED mode switch toggled to right (Mode 2): The port LED status indicates the PoE status. Solid green means that the port is supplying power, while blinking green means that the port is in power overload state.
Power Supply and Consumption	
PoE Out standard	PoE/PoE+ (IEEE 802.3af/at)
Number of PoE Out ports	8
Number of PoE/PoE+ Out ports	8
PoE budget	130 W
PoE power pins	1–2 (+), 3–6 (-)
Power input	DC adapter: • Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz • Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz • Rated input current: 1.5 A Output: • Rated output voltage: 54 V DC • Maximum output current: 2.78 A
Maximum power consumption	8.5 W (with no PoE load) 138.5 W (with PoE full load)

Power supply	DC power adapter
System Specifications	
Flash memory	4 MB
Forwarding rate	45 Mpps
Switching capacity	60 Gbps (bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	202 mm x 108 mm x 28 mm (7.95 in. x 4.25 in. x 1.1 in.)
Weight	0.66 kg (1.46 lbs) (without packaging materials) 1.63 kg (3.59 lbs) (with packaging materials)
Shipping weight	1.63 kg (3.59 lbs)
Environment and Reliability	
Fan	Fanless design
Cooling	Natural cooling
Mounting options	Wall/Desk
Hot swapping of cables	Hot swapping supported by the service port and power connector
MTBF	200,000 hours
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Operating humidity	10% RH to 90% RH (non-condensing)
Storage humidity	5% RH to 95% RH (non-condensing)
Altitude	-500 m to +5,000 m (+1,640.42 ft. to +16,404.20 ft.)
ESD protection	Air discharge: 8 kV Contact discharge: 6 kV
Surge protection	Service port: ±4 kV for common mode Power connector: ±4 kV for common mode and ±4 kV for differential mode
Certification and Regulatory Compliance	
EMC	EN 55032 EN 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62638-1
Certification	CE

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