RS1025K-5LG

2.5G ETHERNET SWITCH



- Ultra-Fast 2.5G Multi-Gigabit Performance
- Upgrade your network with 5*2.5Gbps auto-negotiation ports, delivering 2.5x faster speeds than standard gigabit switches. This multi-gigabit solution provides the necessary bandwidth for WiFi 7/6 APs, high-speed NAS, and high-end gaming.
- Lossless 8Mbit SRAM Packet Buffer
- Equipped with an industry-leading 8Mbit SRAM packet buffer and 60Gbps switching capacity, this switch ensures smooth, lossless transmission of massive data loads, 4K/8K video streams, and large file transfers without congestion.
- Advanced IEEE 802.3bz & Jumbo Frame Support
- Fully compliant with IEEE 802.3bz standard, it supports 12KB Jumbo Frames to significantly improve data forwarding efficiency. The non-blocking architecture guarantees maximum throughput for your entire network infrastructure.
- Compact Metal Case & Fanless Silent Design
- Housed in a premium metal housing for superior heat dissipation, the fanless design ensures 100% silent operation. Its compact size (135mm) allows for flexible placement on any desktop or inside narrow wiring boxes as a reliable hub.
- Direct Manufacturer OEM/ODM & Support
- As a source network switch manufacturer, we offer direct factory wholesale prices and 100% functionality testing. We provide full OEM/ODM services, including private labeling and custom packaging to support your business expansion.

Product name	5-Port 2.5G Ethernet Switch

Model	RS1025K-5LG
Fixed Port	5×10/100/1000/2500Mbps RJ45
Power	DC 12V 1A
Network Protocol	IEEE 802.3, IEEE 802.3u,IEEE 802.3ab, IEEE 802.3az, IEEE 802.3bz IEEE 802.3 optional ability
Packet Buffer	8 Mbit
Jumbo frame	Jumbo frame up to 12KB
Switching Capacity	60Gbps
Packet Forwarding	44.64Mpps
MAC Address	4K
Transmission Distance	10BASE-T： Cat3,4,5 UTP(≤100 meter) 100BASE-TX： Cat5 or later UTP(100 meter) 1000BASE-T： Cat6 or later UTP(100 meter) 2500BASE-TX： Cat6 or later UTP(100 meter)
LED Indicator	PWR:Power LED Port:Network connection indicator Green LED/100M+Orange LED/1000M
Operating Environment	Operating Temp: - 15℃~55℃; Storage Temp: -40℃~70℃ Operating Humidity: 10%~90% RH; Storage Humidity: 5%~90% RH, non-condensing
size （L*W*H）	135* 68 *33 157* 116 *78mm
N.W/G.W （kg）	0.22 / 0.29kg
Installation	Desktop (optional wall+machine hanger parts)
Lightning protection level	4KV； IP30