RS1025K-16LG-2S-10G

2.5G ETHERNET SWITCH



- Massive 120Gbps Switching Capacity
- Experience lightning-fast data processing with our 120Gbps bandwidth and 89.28Mpps forwarding rate. Ideal for high-density traffic and bandwidth-intensive applications like WiFi 7/6 access points and 4K/8K video streaming.
- Versatile 2.5G RJ45 & 10G SFP+ Ports
- Features 16*2.5Gbps Ethernet ports for high-speed device connection and 2*10Gbps SFP+ slots for ultra-fast fiber uplinks. Perfect for connecting NAS servers, workstations, and core switches in a professional environment.
- Advanced 16Mbit SRAM & 12KB Jumbo Frame
- Optimized for big data, the 16Mbit large buffer and 12KB Jumbo Frame support ensure smooth transmission for heavy file transfers, reducing latency and packet loss during intensive network storage tasks.
- Long-Distance Fiber Connectivity
- The dual SFP+ ports support both 1G and 10G modules, enabling flexible fiber-optic connections up to 120km (with specific modules). This makes it an excellent choice for linking remote server rooms or building-to-building networking.
- Robust Factory-Grade Reliability
- Built with a premium metal chassis and featuring a universal AC 100-240V input, our China factory ensures every switch undergoes 100% rigorous testing. We provide full OEM/ODM support with stable supply for global wholesale.

Product name	16-Port 2.5G + 2-Port 10G SFP+ Ethernet Switch
Model	RS1025K-16LG-2S-10G
Fixed Port	16 * 10/100/1000/2500Mbps 2 * 1G/10Gbps SFP
Power supply	AC 100-240V
Network Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz (2.5G), IEEE 802.3x, IEEE 802.3z, IEEE 802.3ae (10G)
Packet Buffer	16Mbit SRAM
Jumbo frame	up to 12KB

Bandwidth	120Gbps
Packet Forwarding	89.28Mpps
MAC Address	8K
Transmission Distance	10BASE-T: Cat3/4/5 UTP ≤250m 100BASE-TX: Cat5 or above UTP ≤150m 1000BASE-T: Cat6 or above UTP ≤150m 2500BASE-T: Cat6 or above UTP ≤100m SFP: 1G/10G SM/MM, max ≤120km (depends on module)
LED Indicator	PWR: Power LED RJ45 Port: 10/100M LED; 1G LED; 2.5G LED SFP Port: Fiber link/Act LED
Operating Temperature/Humidity	-10 ～ +55°C； 5% ～ 90% RH Non coagulation
Storage Temperature/Humidity	-40 ～ +75°C； 5% ～ 95% RH Non coagulation
Lightning protection level	4KV 8/20us； IP30
Product size/Packing size （ L*W*H ）	440/180/44 557/220/70
N.W/G.W （ kg ）	1.7/2.1kg