

# Switch SMB

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Folloni Giorgia

# Brands



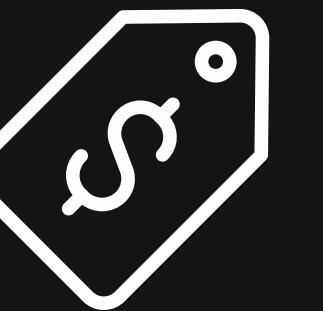
**CISCO**  
MS130



**MachPower**  
SW-MG28L4S1CRM



**Ruijie**  
RG-NBS31/32



# CISCO MS130

\$ \$ \$ \$  
400

## 1 Hardware

There are 2 main different models of MS13: Compact and Rack mount

- ports: from 8 to 48 (Gb)
- 'X' models support 2.5GbE ports
- Supports Uplink SFP
- PoE: up to 740W
- Dimension: thi bigger ones has dimension 4,4x44x25cm
- Weight: the heavier is almost 6kg

## 2 Bandwidth

- For small models: from 20Gb/s to 76Gb/s
- For MS130-24: from 128Gb/s to 146Gb/s
- For MS130-48X: up to 200Gb/s

## 3 Protocols

- 802.1Q
- 802.1X
- DHCP
- STP
- IPv4/IPv6
- SNMP

## 1 Hardware

- Ports:
  - 28 ports 10, 100 and 100BASE-T
  - 4 ports SFP 1000BASE-T
  - console port
- Consume: 30W
- Dimensions: 44.4x2.05x4.4mm
- Weight: 3.5Kg

## 2 Bandwidth

- 56Gb/s
- 42 Million packets per second

## 3 Protocols

- IEEE
- Port-based VLAN (up to 4096 VLAN supported)
- DHCP Snooping
- IPv4/IPv6
- SNMP



# Ruijie

RG-NBS31/32

## 1 Hardware

- Ports:
  - from 8 to 48 ports 10, 100 and 100BASE-T
  - 2 or 4 ports SFP 1000BASE-T
  - console port
- consume: max 447W

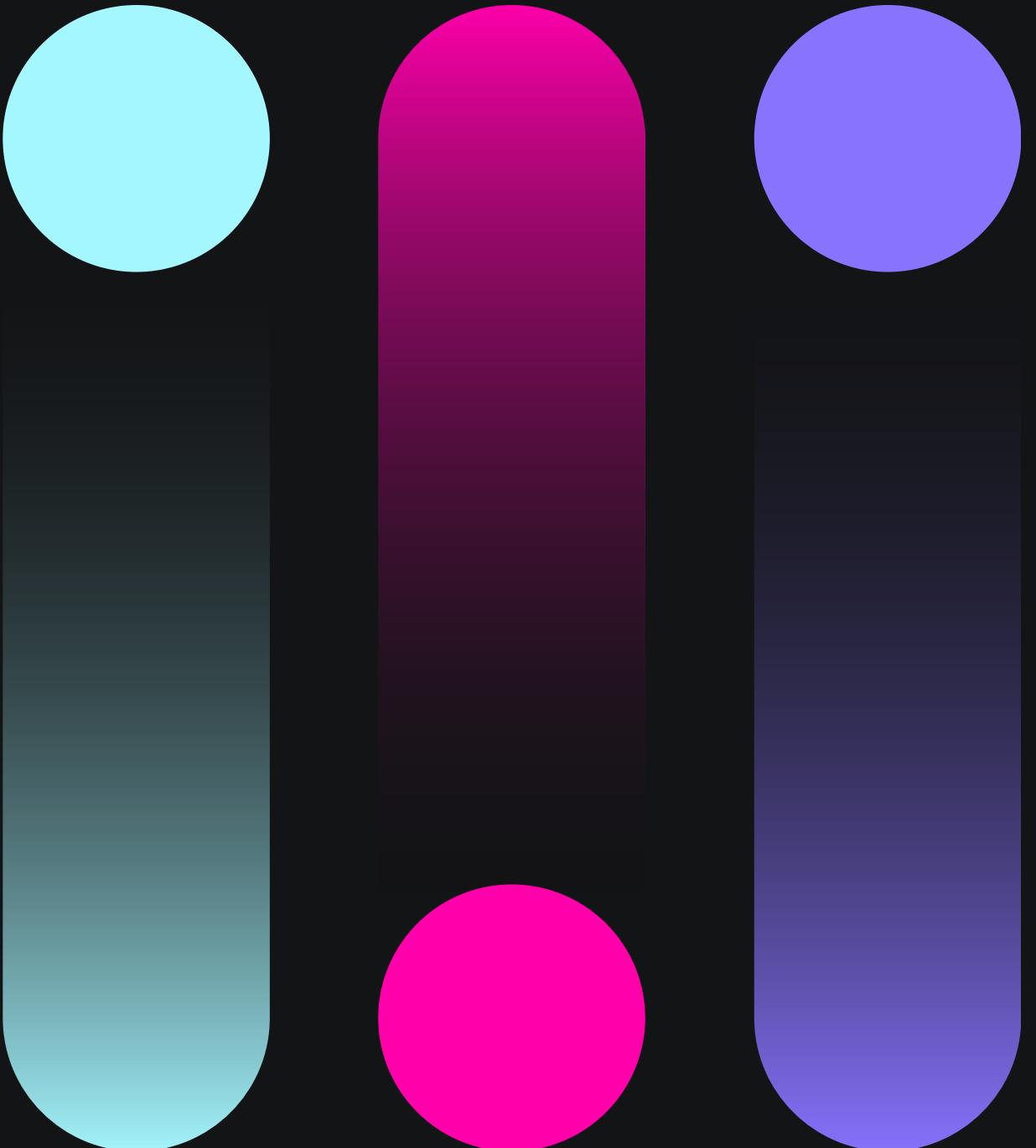
## 2 Bandwidth

- Entry Level
  - up to 100Gb/s
  - up to 77.4Mp/s
- Advanced
  - up to 128Gb/s
  - up to 130Mp/s

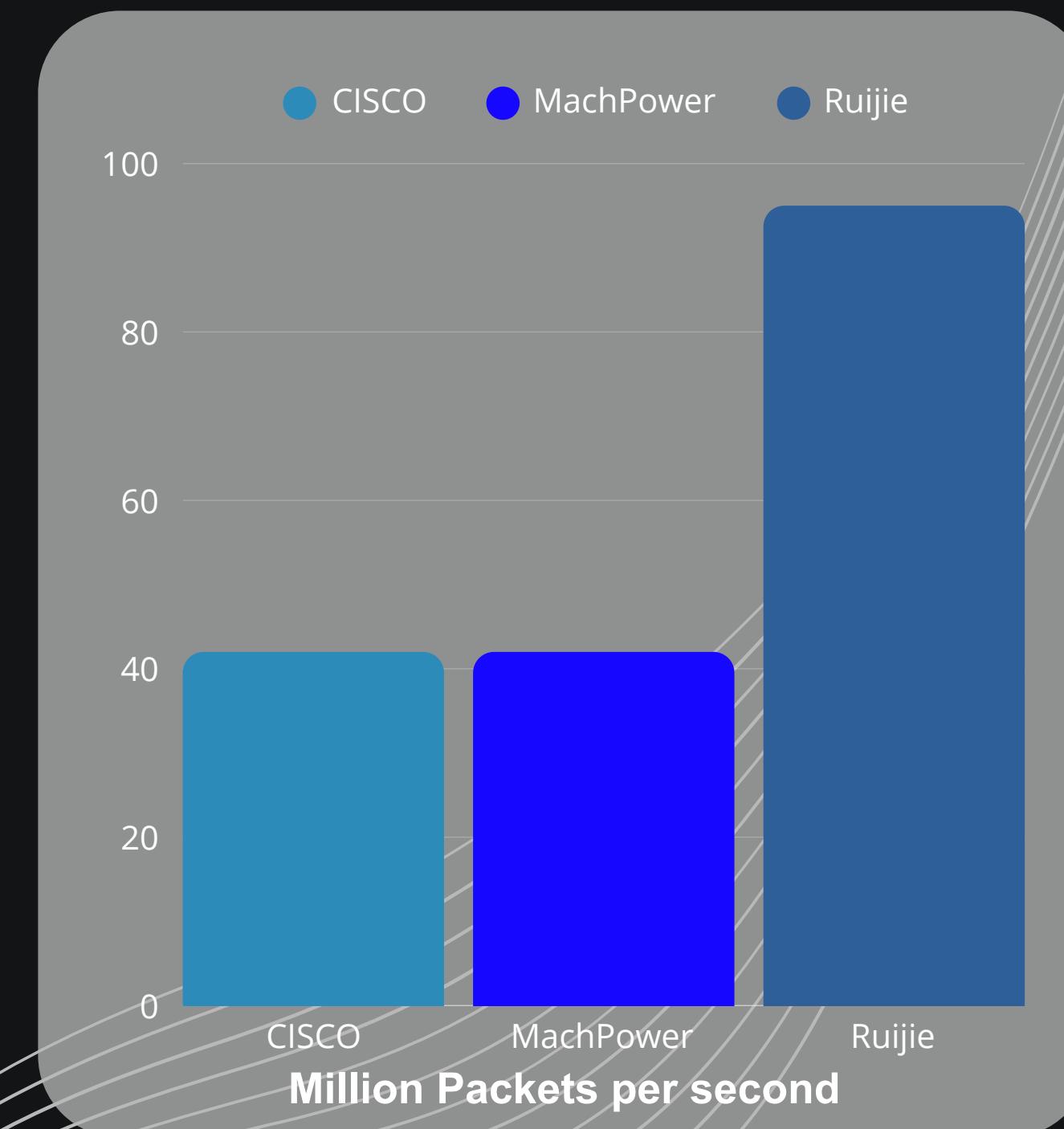
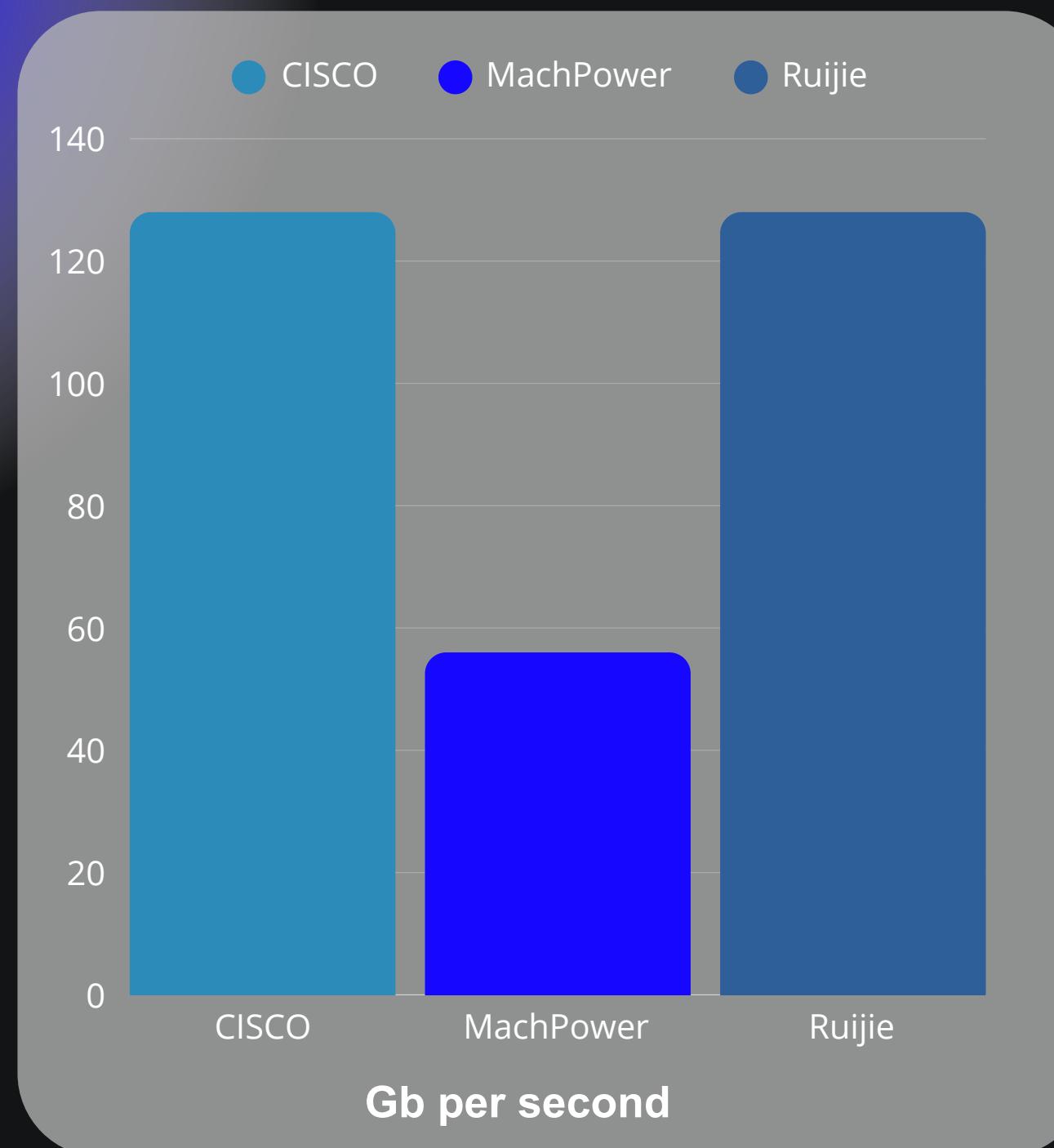
## 3 Protocols

- IEEE
- VLAN
- IGMP
- IPv4/IPv6
- DHCP
- snooping

\$ \$ \$ \$  
200



# Performance rate



# Better solution



Ruijie

RG-NBS31/32

- ✓ Affordable price
- ✓ Good Switching capacity
- ✓ Good forwarding rate
- ✓ 5 years Warranty
- ✓ No annual license required
- ✓ Flexible port configuration

# Sources

MS130 datasheet

SW-MG28L4S1CRM data sheet

RG-NBS31/32 datasheet