

S4200
2BP-PL-SI

Switch Classification

Layer 2

✓

Connectivity

10/100/1000Base-T (RJ45) with PoE

24

100/1000Base-X (SFP)

4

Performance

Switch fabric speed

56 Gb/s

Forwarding Rate

41,7 Mp/s

Packet buffer

4,1Mb

Jumbo Frame

10k

MAC address Table
shared for unicast and multicast (in 1:1 ratio)

8k

Multicast MAC address Table

500

Number of Vlan Interfaces (IP)

16

ACL Table

1408

CPU clock

500MHz

Flash memory

16MB

RAM memory

128MB

Resilience and availability

IEEE 802.1D STP/802.1w RSTP/802.1s MSTP

✓

IEEE 802.3ad LACP (max trunks / links per trunk)

8/8

Virtual Cable Testing

✓

DDM

✓

LLDP

✓

Loop guard

✓

Traffic control

802.1Q VLANs

4k

Port-based VLAN

✓

Protocol-based VLAN

✓

IP subnet based VLAN

✓

Voice VLAN

✓

Mac VLAN

✓

LACP algorithm of source/destination IP
(load balance)

✓

GVRP

✓

802.1ad Vlan Stacking (QinQ)

✓

Selective QinQ

✓

Security

Layer 2 MAC filtering

✓

BPDU Tunnel

✓

Login authentication and authorization
by RADIUS and TACACS+

✓

TACACS+ accounting/ auditing

✓

SSH v1/v2

✓

DHCP/DHCPv6 snooping

✓

IP/IPv6 Source Guard

✓

Port security

✓

Quality of Service

802.1p Priority Queues per Port

8

802.1p Queuing method

✓

Trusted COS/TOS/IP Precedence/DSCP/Port number

✓

Broadcast Storm Control

✓

Rate Limiting, port based

✓

Queuing method

SP/WRR/ SP +WRR

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		S4200 28P-PL-SI
L2/L3 - Multicast		
Multicast VLAN		✓
IGMP Query		✓
IGMP Snooping (v1,v2,v3)		✓
IGMP Snooping Fast Leave(v2,v3)		✓
IPv6 MLD v1/v2 Snooping		✓
Layer 3 IPv6		
IPv4/IPv6 Dual Protocol Stack		✓
IPv6 address		✓
Manageability		
Console Port		✓
GUI		✓
Management through console, telnet, SNMP		✓
TFTP/FTP		✓
Configuration backup and restore		✓
Multilevel CLI		✓
DHCP Client/Relay/Server		✓
DHCP relay per VLAN		✓
DHCP option 43/60/82		✓
DHCPv6 option 37/38		✓
DHCPv6 Relay/Server		✓
NTP		✓
Port Mirroring		✓
Port Mirroring per IP/TCP/UDP		✓
RSPAN		✓
OAM EFM/CFM		✓
MIB		
RFC 1066 TCP/IP-based MIB		✓
RFC1213, 1157 SNMPv2c/v3 MIB		✓
RFC1493 bridge MIB		✓
RFC 2674 bridge MIB extension		✓
RFC1643 ethernet MIB		✓
RFC1757 RMON group 1,2,3,9		✓
RFC 2925 Remote Management MIB		✓
RFC 2233 (rfc2233) - SMIv2 MIB		✓
Physical		
Dimensions (Width x Height x Depth)		440mm x44mm x260mm
Operating Temperature		0°C~50°C
Working humidity		10% - 90% (non-condensing)
Electrical		
PoE Standards (IEEE 802.3af/at)		✓
PoE Power budget		185W
Power Supply		230V AC
Power Consumption		≤ 250W