

	CS6200 28C-H-24F	CS6200 66Z/49ZQ-EI	CS6200 52F-EI-R
<b>Switch Classification</b>			
Layer 3	✓	✓	✓
<b>Connectivity</b>			
10/100/1000Base-T (RJ45)	-	8	-
COMBO (10/100/1000Base-T (RJ45) or 100/1000Base-X (SFP))	16	-	-
100/1000Base-X (SFP)	8	-	8
1000/10GBase-X (SFP+)	4	24	4
40GBase-X (QSFP)	-	2	-
Stacking port (QSFP+)	2	-	-
<b>Performance</b>			
Switch fabric speed	208 Gb/s	656 Gb/s	176 Gb/s
Forwarding Rate	155 Mp/s	488 Mp/s	131 Mp/s
Packet buffer	4MB	4MB	3MB (2x 1,5MB)
Jumbo Frame	16K	16k	10k
MAC address Table shared for unicast and multicast (in 1:1 ratio)	32K (standard) / 40k (routee) / 64k (bridge)*	32k	16k
Multicast MAC address Table	4k	4k	4k
ACL Table	3K	3K	3K
Routing Table shared for IPv4 and IPv6 (in 4:1 ratio)	16k	16k	13k
ARP Table	48K (standard) / 40k (routee) / 16k (bridge)*	16k	4k
Number of Vlan Interfaces (IP)	1024	1024	1024
CPU clock	dual-core - 1GHz	dual-core - 1,25GHz	800MHz
Flash memory	32MB SPI + 1GB NAND	32MB SPI + 128MB NAND	32MB SPI + 128MB NAND
RAM memory	1GB	512MB	512MB
<b>Resilience and availability</b>			
IEEE 802.1D STP/802.1w RSTP/802.1s MSTP	✓	✓	✓
IEEE 802.3ad LACP (max trunks / links per trunk)	128/8	128/8	128/8
Virtual Cable Testing	✓	✓	-
DDM	✓	✓	✓
LLDP	✓	✓	✓
VRRP	✓	✓	✓
Loop guard	✓	✓	✓
<b>Traffic control</b>			
802.1Q VLANs	4k	4k	4k
Super VLAN	✓	✓	✓
LACP algorithm of source/destination IP (load balance)	✓	✓	✓
GVRP	✓	✓	✓
802.1ad Vlan Stacking (QinQ)	✓	✓	✓
Flexible QinQ	✓	✓	✓
<b>Security</b>			
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	✓	✓	✓
<b>Quality of Service</b>			
802.1p Priority Queues per Port	8	8	8
802.1p Queuing method	✓	✓	✓
Trusted COS/TOS/IP Precedence/DSCP/Port	✓	✓	✓
Broadcast Storm Control	✓	✓	✓
Rate Limiting, port based	✓	✓	✓
Queuing method	SP/DWRR/ SDWRR	SP/DWRR/ SDWRR	SP/DWRR/ SDWRR

\*MAC address Table, Routing Table and ARP Table assigned depending on the selected operating mode (standard, routee or bridge)

	CS6200 2BX-H-24F	CS6200 8E24S2Q-EI	CS6200 S2F-EI-R
<b>L2/L3 - Multicast</b>			
Multicast VLAN	✓	✓	✓
IGMP v1,v2, v3	✓	✓	✓
IGMP Query	✓	✓	✓
IGMP Snooping (v1,v2,v3)	✓	✓	✓
IGMP Snooping Fast Leave(v2,v3)	✓	✓	✓
PIM-DM/SM/SSM	✓	✓	✓
anycast RP	✓	✓	✓
IPv6 MLD v1/v2 Snooping	✓	✓	✓
<b>Routing</b>			
RIP v1,v2	✓	✓	✓
OSPF v2	✓	✓	✓
IPv6 Static Route	✓	✓	✓
RIPng	✓	✓	✓
OSPFv3	✓	✓	✓
BGP4+	✓	✓	✓
<b>Layer 3 IPv6</b>			
IPv4/IPv6 Dual Protocol Stack	✓	✓	✓
IPv6 address	✓	✓	✓
IPv6 Tunneling	✓	-	✓
<b>Manageability</b>			
Console Port	✓	✓	✓
GUI	✓	✓	✓
Management through console, telnet, SNMP	✓	✓	✓
TFTP/FTP	✓	✓	✓
Configuration backup and restore	✓	✓	✓
Multilevel CLI	✓	✓	✓
DNS Client	✓	✓	✓
DHCP Client/Server/Relay	✓	✓	✓
DHCP option 43/60/82	✓	✓	✓
DHCPv6 option 37/ 38	✓	✓	✓
DHCPv6 Relay/Server	✓	✓	✓
NTP	✓	✓	✓
RSPAN	✓	✓	✓
ERSPAN	✓	✓	✓
Cluster	✓	✓	✓
OAM EFM	✓	✓	✓
OAM CFM	✓	✓	✓
<b>MIB</b>			
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	✓	✓	✓
<b>Physical</b>			
Dimensions (Width x Height x Depth)	440mm x44mm x350mm	440mm x 44mm x 320mm	440mm x44mm x320mm
Operating Temperature	0°C~50°C	0°C~50°C	0°C~50°C
Working humidity	10% - 90% (non-condensing)	10% - 90% (non-condensing)	10% - 90% (non-condensing)
<b>Electrical</b>			
Modular Power Supplies	✓	-	-
Number of slots for Modular Power Supplies	2	-	-
Power Supply	230V AC or / and 48V DC, RPS, Hot Swap	230V AC + 48V DC RPS	230V AC + 12V DC RPS
Power Consumption	≤ 90W	≤ 85W	≤ 80W