CxTEK

Cx5026- 40G L3 Switch | Access /Aggregation Switch

Introduction

Cx5026 Series are L3 equipped with SFP+ and QSFP+ uplink Ethernet switch. The switches are ideal for Internet Service Providers (ISPs) and Multiple System Operators (MSOs) to provide home users with triple-play services with up to Gigabit bandwidth. It is also an ideal Gigabit access switch for SMB, enterprise, and campus networks. The S6200 series are packed with features that bring high availability, comprehensive security, robust multicast control, and advance QoS to the network edge, as well as static routing and dynamic routing capabiliti

Features

- Dynamic routing and static routing
- 2 x 40G QSFP+ uplin
- Supported TACACS+, SNMPv3, IEEE 802.1X, HTTPS, and SSHv2
- Supported ERPSv1, STP/RSTP and MSTP
- Easy network management by web browser, CLI, Telnet/serial console

CE FC RoHS

Specifications

Items		Cx5026
PORT	10/100/1000M BASE-T RJ45	N/A
	1G SFP	N/A
	10G SFP+	24ports
	40G QSFP28	2 ports
	GE out-of-band management ports	1
	console RJ45 ports	1
	USB 2.0	1
	Power over Ethernet	N/A
Performance	Switching capacity	640Gbps
	Forwarding Rate	480Mpps
	MAC Address	32K
	ACL Table	3K (ingress) + 1K (egress)
	VLANTable	4K
	Jumbo Frame	12K
	Queues per port	8
Power supply	Inputrange	AC: 100~240VAC, 50~60Hz DC: Input -60V ~ -40V redundant power supplies
	System power consumption	70W
Mechanical	Dimension (W x D x H) mm	440x320x44mm
Environment	Operating Temperature	0º to 50ºC
	Storage Temperature	-40º to 70ºC
	Operating Humidity (non-condensing)	10% to 90%
	Storage Humidity (non-condensing)	10% to 90%
Certifications	RoHS	Yes
	CE	Yes

Software Features

Items		Cx5026
L2 Faetures	VLAN	IEEE 802.1Q VLAN; IEEE 802.1v Protocol-based VLAN; Port-based VLAN; IP Subnet-based VLAN, MAC-based VLAN, Voice VLAN; 1﹕1 and N﹕1 VLAN Mapping; GVRP; QinQ
	Link aggregation	Static link aggregation; IEEE 802.3ad with LACP; Unicast/Multicast load balance over trunk port
	Redundancy Protocols	ERPS; STP/RSTP and MSTP
	ACL	L3/L4, Statistics ACL VLAN ACL, Global ACL; IPv4/IPv6/MAC/ARP ACL
	QOS	8 Queues Per Port; Bandwidth Control; Flow Redirect ; Classification based on ACL, VLAN ID, COS, TOS, DSCP, IPv6 Flow Label; Policing Based on Port and VLAN; Single Rate Three Colors, Dual Rates Three Colors for Policing; Remark DSCP, COS/802.1p, Precedence, TOS; SP, WRR, SWRR, DWRR for Scheduling
	IGMP	IGMP v1v2v3, IGMP Snooping; MVR
	Security	RADIUS / TACACS+, IEEE 802.1X; Port authentication, MAC Authentication bypass; DHCP Snooping (Option 82), IP Source guard; DoS Protection, TCP SYN Flood Protection, UDP Flood Protection; HTTPS and SSL
	IPv6	IPv4/IPv6 Dual Protocol Stack; IPv6 Neighbor Discovery; IPv6 Neighbor Discovery Snooping; IPv6 DHCP client, IPv6 DHCP Snooping; MVR over IPv6 SNMP over IPv6 HTTP over IPv6 SSH over IPv6 Telnet over IPv6
	Management	CLI via console port or Telnet, Web management, SNMPv3; RMON (groups 1, 2, 3 and 9); MIB II; DHCP client, DCHP Relay; FTP/SFTP/TFTP client; SNTP/NTP; LLDP; OAM; UDLD; SMTP; sFlow; MLDv1/v2; MLD snooping; ping; Traceroute; syslog
L3 Faetures	Routing	Static Unicast Routes; RIP v1/v2, OSPF, BGP; BFD for OSPF/BGP; RIPng, OSPFv3, BGP4+; Policy routing; Equivalent routing for load balancing; VRRP

Order Information

Model	Description
Cx5026	24-port SFP+ +2-port QSFP+ 40 Gigabit Ethernet Switch，AC: 100~240VAC, 50~60Hz DC: Input -60V ~ -40V,redundant power supplies.