

Introduction

The Cx4000E series is a Gigabit Ethernet access switch with four 10G SFP+ uplinks. It is also an ideal Gigabit access switch series for SMB, enterprise, and campus networks. The Cx4028E is packed with features that bring high availability, comprehensive security, robust multicast control, and advance QoS to the network edge. The switch also supports the most advance IPv6 management, IPv6 security, and IPv6 multicast control in accordance with the growth of IPv6 deployment.



Features

- 24x 1G RJ-45 Ports
- 4x 10G SFP+
- Dual redundant Power supply



Specifications

Items		Cx4028E
PORT	10/100/1000M BASE-T RJ45	24 ports
	1GSFP	N/A
	10G SFP+	4 ports
	GE out-of-band management ports	1
	console RJ45 ports	1
	Power over Ethernet	N/A
Performance	Flash memory	64M Byte
	DDRIII capacity	512M Byte
	MAC address table size	16K
	ARP table size	1K
	Jumbo frames	9KB
	Switching capacity	128Gbps
	Auto-negotiation	Yes
	Auto-MDI/MDIX	Yes
Power supply	Input range	100-240VAC Redundant dual power
	System power consumption	24W
LED	Port LED	Green: link/active
Mechanical	Dimension (W x D x H) mm	440* 280* 44
Environment	Operating Temperature	0° to 50°C
	Storage Temperature	-40° to 70°C
	Operating Humidity (non-condensing)	10% to 90%
	Storage Humidity (non-condensing)	10% to 90%
Certifications	FCC Class A	Yes
	CE	Yes
	Safety Compliance: CB	Yes
	Safety Compliance: UL	Yes

Software Features

Items		Cx4028E
L2 Features	VLAN	IEEE 802.1Q VLAN; IEEE 802.1v Protocol-based VLAN; Port-based VLAN; IP Subnet-based VLAN, MAC-based VLAN, Voice VLAN; GVRP; QinQ
	Link aggregation	Static link aggregation; IEEE 802.3ad with LACP; Unicast/Multicast load balance over trunk port
	Redundancy Protocols	ERPSv1; STP/RSTP and MSTP
	ACL	L3/L4, Statistics ACL VLAN ACL, Global ACL; IPv4/IPv6/MAC/ARP ACL
	QOS	Traffic Classification (802.1p/ToS/port/DiffServ); SP, WRR, SP+WRR; 8 queues/port of Priority Queues
	IGMP	IGMP v1v2v3, IGMP Snooping
	Storm Control	Broadcast/Multicast/ Unknown Unicast Storm Control
	Security	RADIUS / TACACS+, IEEE 802.1X; Port authentication, MAC Authentication bypass; DHCP Snooping (Option 82), IP Source guard, DoS Protection; HTTPS and SSLv3
	IPv6	IPv4/IPv6 Dual Protocol Stack; IPv6 Neighbor Discovery; IPv6 Neighbor Discovery Snooping; IPv6 DHCP client, IPv6 DHCP Snooping; MVR over IPv6SNMP over IPv6HTTP over IPv6SSH over IPv6Telnet over IPv6
	Management	CLI via console port or Telnet, Web management, SNMPv3; RMON (groups 1, 2, 3 and 9); MIB II; DHCP client, DHCP Relay, DHCP dynamic provision option 66,67 FTP/SFTP/TFTP client; SNTP/NTP; NTP; LLDP; OAM; UDLD; SMTP; sFlow; MLDv1/v2; MLD snooping; ping; Traceroute; syslog
L3 Features	Routing	Static Unicast Routes;

Order Information

Model	Description
S5200-28TS	24-port RJ45 + 4-port SFP+ 10 Gigabit Ethernet Switch, Redundant dual power.