

CXS-1250-28 Series



HIGHLIGHT

- 28 x 10Gigabit ports with 4 x 25Gigabit Uplink
 - IEEE 802.3bt PoE++ support per port 90W
 - 740W PoE power budget per device
 - Up to 680 Gbps switching capacity
 - Up to 16K MAC address table
 - Up to 64 Mbit packet buffer memory
 - 12 KByte jumbo frame
 - Non-blocking switching architecture for maximum throughput at wire speed
 - Store-and-Forward forwarding method
 - CLI and Web GUI management
 - Smart fan design
 - Surge 6 KV protection
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PRODUCT SPECIFICATIONS

Hardware Specifications			
Model Name	CXS-1250-28	CXS-1250-28B-740	CXS-1250-28S
Interfaces			
100/1000/2.5G/5G/10GBASE-T	24	24	–
1000BASE-X/ 10GBASE-R	–	–	24
10GBASE-R/ 25GBASE-R	4	4	4
Console Port	1× RJ45 Console		
PoE Specifications			
PoE Port	–	Port 1 ~ 28	
PoE Standard	IEEE 802.3bt, 90W		
PoE Power Budget	740W per device		
Performance			
Switching Capacity	680 Gbps		
MAC Address	16K		
Buffer Memory	64 Mbit		
Jumbo Frame	12 KByte		
Power			
Input	100 to 240 VAC, 50/60 Hz		
Power Consumption	TBDW	TBDW (PoE Off) TBDW (PoE On)	TBDW
Green Feature			
Energy Efficiency Ethernet	Yes		
Physical Specification			
Enclosure Form Factor	Rack-Mount		
Material	Metal		
Dimensions (W x D x H)	440 x 310 x 44 mm	440 x 310 x 44 mm	440 x 250 x 44 mm
Weight	TBD Kg	TBD Kg	TBD Kg
Quantity of Fan	4	5	5
Environmental Specifications			
Operating Temperature	-5 ~ 50 °C		
Storage Temperature	-20 ~ 70 °C		
Operating Humidity	0 ~ 95 %RH (non-condensing)		
Storage Humidity	0 ~ 95 %RH (non-condensing)		
Others			
Surge Protection	6 KV for Downlink RJ-45 Port		

Features	
L2 Features	• 802.3x Flow Control • Spanning Tree • Link Aggregation • Mirroring • Loopback Detection (LBD) • ERPS
L2 Multicast	• IGMP Snooping • IGMP Snooping Fast Leave • MLD Snooping • MLD Snooping Fast Leave • L2 multicast filtering
VLAN	• 802.1Q VLAN • Voice VLAN • Auto Surveillance VLAN • GVRP • Double VLAN (Q in Q) • Selective Q in Q • VLAN Translation • ISM VLAN (Multicast VLAN) • Asymmetric VLAN • VLAN trunking
L3 Features	• IP Interface • ARP • IPv6 Neighbor Discovery (ND)
L3 Routing	• Default Route • Static Route
QoS	• 802.1P Priority Queue Mapping • CoS (Class of Service) • Port-based Bandwidth Control • Queue Handling
Access Control List (ACL)	• MAC Access List • IP/IPv6 Access List • Time based ACL
Security	• Port Security • Broadcast/Multicast/Unicast Storm Control • Traffic Segmentation • IP-MAC-Port Binding (IMPB) • IP Source Guard • DHCP Snooping • DHCPv6 Guard • IPv6 RA Guard • IPv6 ND Inspection • IPv6 Snooping • ARP Spoofing Prevention • DAD (Duplicate Address Detection) • DAI (Dynamic ARP Inspection) • BPDU Attack Protection • DoS Attack Prevention • DHCP Server Screening • SSH (Secure Shell) • TLS (Transport Layer Security) • AAA
Management	• Web-based GUI • CLI (Command Line Interface) • Telnet Server • Command Logging • Debug Command • Language Options

	• SNTP (Simple Network Time Protocol) • DHCP Client • DHCP Auto-configuration • DNS Client • TFTP Client • Dual Images • Dual Configurations • SNMP • MIB • RMON • Ping • Traceroute • LLDP (Link Layer Discovery Protocol) • LLDP-MED (Media Endpoint Discovery) • SNMP Trap • System Log
OAM	• Optical Transceiver DDM (Digital Diagnostic Monitoring)