



24 Port - 10/25/40 Gigabit High Performance Managed Layer 3 Network Switch w/ 20 x 10Gb SFP+ Ports, 4 x 25Gb SFP28 Ports, 2 x 40Gb QSFP+ Ports, 1 x Console Port, and 1 x OOB Port

SKU: QT-L3MS-20X10G-4X25G28-2X40GQ



Overview

QT-L3MS-20X10G-4X25G28-2X40GQ provides high-capacity switching capabilities, complete security control strategies and CPU protection policies (CPU protect policy) to improve fault tolerance, ensure stable network operation and link load balancing, and support automatic DoS attack prevention and SNMP, IEEE 802.1, spanning tree and rapid spanning tree protocols, and link aggregation.

Features

- 760G backplane bandwidth
- Packet forwarding rate reaches 565.44Mpps
- Ethernet/IEEE802.3 packet size (64 bytes to 1522 bytes)
- Jumbo packets up to 9216 bytes
- Provide DOS, distributed denial of service, spoofing and virus protection
- Support IEEE802.1x, provide port-based user authentication, security control technology and policy control list

Technical Information

Product Model	QT-L3MS-20X10G-4X25G28-2X40GQ	
Fixed Port	20x10G SFP+ port, 4x25G SFP28 port, 2x40G QSFP+ port, 1xConsole port, 1xOOB port	
Console Port	1	
Backplane bandwidth	760Gbps	
Packet forwarding rate	565.44Mpps	
Jumbo Frames	12k bytes	
Transfer Mode	Support store-forward mode and cut-through mode	
Flash Memory Capacity	32M	
Memory capacity	256MB	
Software Specification		
System configuration	System setting	View software version, CPU utilization, memory utilization
	Network settings	Configure device management address
	User configuration	Configure user name and password
	Log configuration	View and download logs
	TELNET configuration	TELNET services enable, disable
	HTTPS configuration	HTTP/HTTPS enabled, disabled
	Diagnostic test	PING, TRACEROUTE
Port configuration	Physical port	Configure port rate, flow control mode, maximum frame length
	Storm	Configure broadcast, unknown multicast, unknown

	suppression	unicast rate
	line rate	Configuration entry, exit rate, burst rate
	Port Mirror	Supports up to 4 groups of images
	Link aggregation	Supports up to 16 sets of static LACP, support dynamic LACP
	Port isolation	Supports up to 8 groups of Uplink, Downlink isolation
	Port Statistics	
Two-layer configuration	VLAN configuration	Port mode, PVID, tag/untag list configuration, VLAN create
	mac-vlan	
	protocol-vlan	Support based on ETHERII, SNAP, LLC frame type VLAN
	voice-vlan	
	MAC configuration	Static MAC configuration, dynamic MAC query
	MSTP configuration	Support STP, RSTP, MSTP (802.1s) three protocols
	IGMP-snooping	Static multicast configuration
	DHCP-snooping	Support static binding, ARP dynamic detection, IP source address check
	ERPS-Ring configuration	
	GMRP configuration	
Cyber security	Access control	Set the access rules for this device
	Anti-attack settings	PING message discard, DOS attack, CPU receive packet rate setting
	ACL settings	Based on MAC and IP ACL configuration, you can configure the ACL to take effect
Advanced configuration	QOS settings	Support SP, WRR, DRR scheduling configuration; 8 send queues per port mapping 802.1p 8 priority; Support DSCP queue mapping;
	LLDP settings	
	SNMP settings	Support SNMP v1, v2c, v3 version
System maintenance	Configuration file management	Configuration file view, upload, download
	Save the configuration	
	Reboot the device	
	Reset	

	Online upgrade	
Physical characteristics		
Dimension (LxWxH)	440mm *400mm * 44mm	
Power supply characteristics	110-240V AC, 47-63Hz, dual AC power support (optional)	
Power	≤110W	
Indicator light	Power indication, system indication, connection / send and receive instructions	
Ambient temperature / humidity	Operating temperature: 0 ° C ~ 50 ° C (0m ~ 1800m) Storage temperature: -40 ° C ~ +70 ° C, relative humidity: 5% RH ~ 95% RH, non-condensing	