




JetStream 26-Port 10GE SFP+ L3+ Managed Switch

MODEL: SX6632YF



Specifications

General

Product Picture	
Model	SX6632YF
Interface	"26× 10G SFP+ Slots - 6× 1025/G SFP28 Slots"
Console Ports	1× RJ45 + 1× USB Type C
Management Port	1× RJ45
Flash	4MB Nor + 8GB EMMC (TBD)
DRAM	8GB DDR4 (TBD)
Processor	Quad-core CPU
USB Ports	2× USB 3.0

Performance

Switching Capacity	820 Gbps
Forwarding Bandwidth	410 Gbps
Packet Forwarding Rate	610.1 Mpps
MAC Address Table	128K
Packet Buffer	8 MB
Stack bandwidth	50 Gbps Per Port (Full-Duplex)
Stacking number (max)	4 (TBD)
Transmission Method	Store and Forward
Jumbo Frame	9 KB

Physical & Environment

Power Supply	100–240 V~50/60 Hz
Redundant Power Supply	max 2 Hot swappable power supply module
Dimensions (W x D x H)	440 × 380 × 44 mm (TBD)
Fan Quantity	4
Installation	Rackmount
Operating Temperature	0 °C to 45 °C (32 °F to 113 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operation Humidity	10% to 90% RH, non-condensing
Storage Humidity	5% to 90% RH, non-condensing

Software Features

Basic Function	<ul style="list-style-type: none"> - Auto Negotiation/Auto MDI/MDIX - 802.3X Flow Control&Back Pressure - Store and Forward Transfer Method - Auto-Uplink Every Port - MAC Address Table - PoE - Perpetual POE 	
L2 Features	Switching	<ul style="list-style-type: none"> - Port Mirroring (SPAN) - RSPAN - Loopback Detection - Traffic Monitor
	Trunking	<ul style="list-style-type: none"> Static LAG LACP 802.3ad
	Mac Address	<ul style="list-style-type: none"> - MAC Address Table - Static MAC - Dynamic MAC Address - Filtering MAC Address - MAC Flapping
	VLAN	<ul style="list-style-type: none"> - IEEE 802.1q Tag VLAN - MAC VLAN - Protocol VLAN - VLAN VPN(QinQ) - Private VLAN - GARP/GVRP - Voice VLAN - Multicast VLAN - Management VLAN
	STP	<ul style="list-style-type: none"> - STP 802.1d - RSTP 802.1w - MSTP 802.1s - Loop/Root/TC Protect - BPDU Protect/Filtering

L2 Features	ERPS	
	Multicast	<ul style="list-style-type: none"> - IGMP Snooping - MLD Snooping - L2 Multicast Table - Fast Leave - Multicast VLAN Registration (MVR) - Static Multicast IP - Multicast Filtering
L3 Features	Routing	<ul style="list-style-type: none"> - IP Interfaces - Static Routing - Host Route Table - RIP v1/v2 - RIPng - OSPFv2/v3 - VRRP - ECMP - ARP Proxy
	DHCP	<ul style="list-style-type: none"> - DHCP Server - DHCP Relay - DHCPv6 Relay - DHCP Snooping - DHCPv6 Snooping
	Multicast	<ul style="list-style-type: none"> - Multicast Table - IGMP v1/v2/v3 - Static Multicast Routing
QoS	Class of Service	<ul style="list-style-type: none"> - 8 Queues of Priority - Port Priority - IEEE 802.1p Priority - DSCP Priority - Queue Min-Bandwidth - Schedule Mode (SP, WRR, SP+WRR)
	Bandwidth Control	<ul style="list-style-type: none"> - Rate Limit - Storm Control
	Voice VLAN	
	User-Defined OUI	

Security	Time Range	<ul style="list-style-type: none"> - Time Range Defination - Periodic Time Range - Absolute Time Range - Time Holiday
	ACL	<ul style="list-style-type: none"> - Entries - L2 ACL - L3 ACL - L4 ACL - ACL Action - ACL over VLAN - ACL over Port
	IP-MAC Binding	<ul style="list-style-type: none"> - IP+MAC+PORT+VID Binding - Manual Binding - ARP Scanning - DHCP Filter - DHCPv6 Filter - DHCP Option 82
	ARP Inspection (Dynamic ARP Inspection)	
	IP Source Guard	
	IPv6 Source Guard	
	ND Neighbor Discovery/ ND Snooping/ ND Filtering	
	DoS Defend	
	Authentication, Authorization & Accounting (AAA)	<ul style="list-style-type: none"> - 802.1X Port Authentication - RADIUS Authentication - RADIUS Accounting - TACACS+ Authentication
	Management	Web-Based GUI
Web-Based HTTP or HTTPS		
TFTP、 TFTPv6		
FTP、 FTPv6		
File System		
Debug		

Management	CLI	<ul style="list-style-type: none"> - Console - Telnet - Telnetv6
	SNMP	<ul style="list-style-type: none"> - SNMP - SNMP v6 - SNMP Trap - SNMP Inform - RMON
	Link Layer Discovery Protocol (LLDP)	
	VCT (Virtual Cable Test)	
	sFlow	
	System IP	<ul style="list-style-type: none"> - Static IP - DHCP Client - BOOTP Client
	Maintenance	<ul style="list-style-type: none"> - CPU/Memory Monitor - System Log - Cable Test - Ping/Tracert - Pingv6 - ICMP/ICMP v6
	Time Setting	<ul style="list-style-type: none"> - SNTP - DST
	System Tools	<ul style="list-style-type: none"> - Dual Image - Config Restore/Backup - Firmware Upgrade - System Reboot/Reset
	User Management	<ul style="list-style-type: none"> - User Settings - Access Level - Password Recovery Settings
Stack	Basic Feature	<ul style="list-style-type: none"> - Max Unit Number - Topology - Hot Plug in/out

Stack	Global Fabric Config	<ul style="list-style-type: none"> - Unit ID Config - Stack Status/Error-Info - Automatic Stacking
	Fabric Port Config	<ul style="list-style-type: none"> - Port Config - Port Status
Omada SDN Controller	Omada Controller Management	