

## XT-2400G 24 Ports Gigabit Managed Switch with 2G SFP uplink Ports



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### Product Description:

The XT-2400G is a 26G Full Managed POE switch. It provides 24 10/100/1000Mbps Auto-Negotiation RJ45 ports, 2 Gigabit SFP Ports. Support web, telnet, SNMP and CLI managed interface. The XT-600G is a 19" case-shaped device with 1U high.

### Product Features:

- IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z
- Provides 24 10/100/1000 Base-TX ports and 2 1000Base-X SFP ports
- High back-plane bandwidth 52Gbps
- Support standard IP/ Extend IP / MAC IP / ARP ACL
- IGMP snooping and IGMP Query mode for Multi-media application
- Port mirror and bandwidth control
- Supports GVRP function
- IEEE802.3x Flow control

- Support Port Based VLAN / 802 .1Q Tag VLAN
- Support IEEE802.3ad Port trunk with LACP
- Support Spanning tree protocol IEEE 802.1d
- Supports IEEE 802.1p class of service
- Support IEEE 802.1x user authentication
- Support Broadcast storm filter
- Support System event log
- Support command line interface management
- Management by Web/SNMP/Telnet/Console

## SPECIFICATIONS

Item	Description
<b>Summarize</b>	
Fixed port	24 10/100/1000Base-TX ports. 2 1000M SFP ports 1 Console port.
LED Indicators	PWR, Link/Act LED.
Input voltage	100V~240V AC,50/60Hz
Network Media	10BASE-TX: UTP category 5, 5e cable (≤250m) 100BASE-TX: UTP category 5, 5e cable (≤150m) 1000BASE-TX: UTP category 5, 5e cable (≤150m)
Forwarding Rate	10BASE-T: 14880pps / port 100BASE-TX: 148800pps / port 1000BASE-TX: 148800pps / port
Build-in power supplies	270w
Operating temperature	0°C~40°C.
Storage temperature	-10°C~70°C.
Relative humidity	20%~85% (non-condensing).
<b>Layer 2 Switching</b>	
Switching capacity	52G
<b>Port configuration</b>	
Enable and disable	Support
Port Auto-Negotiation	Support force port mode and speed
Flow control	Support IEEE 802.3x full-duplex flow control Support half-duplex backpressure flow control
Support Broadcast storm filter	Support broadcast, multicast and DLF package rate limit
Broadcast storm filter	Support respectively testing the port's broadcast packets, multicast and unicast packets, and close the port when exceeds the valve-value
Port Mirroring	Support
Port rate limit	Support Port input and output rate limit
Link Aggregation	Support manual Link Aggregation Support LACP dynamic Link Aggregation Up to 8 maximum aggregation groups, each containing up to 8 ports Support Source MAC, Destination MAC, Source Destination MAC, Source IP, Destination IP, Source Destination IP routing strategy
Port Protection	Each port can be configured into isolated protected port from each other
Jumbo Frame	Support, Jumbo packets up to 10K bytes.
Testing of cable distance	Support
<b>MAC configuration</b>	
MAC address table	8K
MAC address table management	Support

Transfer Mode	Support IVL transfer mode
Static MAC address	Support
MAC binding	Support
MAC Address filter	Support
MAC Address Learning control	Limit the number of MAC-addresses Learning per port.
<b>VLAN configuration</b>	
VLAN quantity	4K
VLAN based on 802.1q	Support
MAC-based VLAN	Support
IP-based VLAN	Support
VLAN based on protocol	Support
Voice VLAN	Support
VLAN mapping	Support 1:1 mapping
Double VLAN markup	Support basic QinQ Support flexible QinQ
<b>Reliability protocol</b>	
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support
EAPS protocol	Support RFC3619
ERPS protocol	Support G.8032/Y.1344
LLDP protocol	Support LLDP and LLDP-MED
UDLD protocol	Totally compatible with UDLD protocol of CISCO
<b>Host routing</b>	
Static ARP	Support
Static Routing	Support
L3 VLAN interface	Up to 32 L3 VLAN Interface.
<b>Multicast function and protocol</b>	
Static Multicast MAC Address	Support
IGMP SNOOPING	Support
MVR	Support
GMRP protocol	Support
<b>ACL</b>	
ACL based on Standard IP	Support
ACL based on Extend IP	Support
ACL based on MAC IP	Support
ACL based on MAC ARP	Support
ACL port filtering	Support
ACL based on time	Support
<b>QOS</b>	
Member of port queues	8
Scheduling mode of port queues	Support WRR,SP,WFQ scheduling mode
Sorting based on port	Support
Sorting based on 802.1p	Support

Sorting based on DSCP (Diff-Serv)	Support
Sorting based on ACL data flow	Support
QOS strategy	Support packet mapped to the corresponding output queue Support to modify the packet's COS and DSCP sign Support limit of data flow Support statistics of data flow Support mirroring of data flow
<b>IPv6</b>	
ICMPv6	Support
IPv6 Neighbor Discovery	Support
MLD Snooping	Support
IPv6 Telnet	Support
<b>Management feature</b>	
CLI management	Support serial port management Support TELNET management Support SSH management
WEB management	Support
SNMP management	Support SNMP protocol Support SNMP TRAP Support standard and private MIB
User management	Support anonymous user Support multi-user management
TACACS+	Support TACACS+ server remote user name and password authentication Support PAP and CHAP password encryption Support TACACS+ server command authorization
Log management	Support local log management Support SYSLOG
RMON	Support RMON 1,2,3,9 group
Cluster management	Support neighbor discovery protocol Support topology discovery protocol Support manual and automated join cluster group Support cluster unification management
OAM	Support 802.3ah Support 802.1ag
Configuration File Download/Upload	Support
Upgrade Firmware	Support
Timer management	Support local timer management Support SNTP protocol get clock
<b>Security feature</b>	
Administrative Security	Support start and end TELNET、WEB and SNMP serve Support TELNET、WEB and SNMP serve binding with Standard IP ACL Support control the number of user for TELNET
CPU protect	Switch self-security protect, forbid flow attack
AAA	Support 802.1x protocol Support RADIUS protocol

	Support RADIUS server authentication authorization and bill Support MAC-based 802.1X authentication. Support 802.1x guest VLAN
IP-MAC address binding	Support binding between static configuration IP,MAC and port
DHCP SNOOPING	Support dynamic ARP binding to prevent ARP spoofing Support dynamic IP,MAC port binding Support stationary port connect to DHCP server, to prevent privately connect to DHCP sever
Prevent ARP spoofing	Support manual configure ACL rule based on MAC ARP prevent ARP spoofing  Support DHCP SNOOPING function, switch dynamically binding ARP and port, when the DHCP get IP address , to prevent ARP spoofing
<b>Debugging tools</b>	
PING	Support
TRACEROUTE	Support
TELNET client	Support
<b>Package</b>	
Unit Size	440*200*44mm
package	Carton Box
Package	Switch User Manual Warranty Card Power Cord*1 Rack Mount Kit*2 Rubber Feet*4