

## XT-1600G 16 Ports Gigabit Managed Switch with 2G SFP uplink Ports



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### Product Description:

The XT-1600G is an 18G Full Managed network switch. It provides 16 10/100/1000Mbps Auto-Negotiation RJ45 ports, 2 Gigabit SFP Ports. The XT-1600G is a 13" case-shaped device with 1U high.

### Product Features:

- IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z
- Provides 16 10/100/1000 Base-TX ports and 2G SFP uplink ports
- Build in power supplies
- High back-plane bandwidth 36Gbps
- 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 DHCP server and client
- Support System event log
- Support command line interface management
- Management by Web/SNMP/Telnet/Console
- Surge protection for power port and data ports
  - EMI standards complies with FCC, CE class B

**SPECIFICATIONS**

Item	Description
<b>Summarize</b>	
Fixed port	16 10/100/1000Base-TX ports. 2G SFP uplink ports 1 Console port.
LED Indicators	PWR, 1000M and 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) Uplink Fiber Port: Single Fiber 20KM, Double Fiber: 20Km
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).
Thermal methods	Built-in Noiseless FAN.
<b>Layer 2 Switching</b>	
Switching capacity	36G
MAC address table	8K, Support MAC address table management.
MAC Address Binding	Support.
MAC Address Filtering	Support.
MAC Address Learning control	Control number of port-based MAC address learning.
Jumbo Frame	Jumbo packets up to 16379 bytes.
Port Feature	Port Control. Port Isolation. Port Self-loop Detection.
Port Mirroring	Support.
VLAN	4K 802.1q VLANs, Support Ingress filter.
Link Aggregation	Up to 8 maximum aggregation groups, each containing up to 8 GE ports.
Traffic control	IEEE 802.3x full-duplex flow control.
Rate Limit	Unit: 64kbps.
Spanning Tree	IEEE 802.1d Spanning Tree Protocol (STP) IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
Ring Protocol	Support EAPS.
Multicast	Support 256 Multicast groups. Support IGMP Snooping.

<b>Layer 3 Switching</b>	
Static ARP	Support.
Static Routing	Support.
L3 VLAN interface	Up to 32 L3 VLAN Interface.
<b>Convergence</b>	
QOS	4 output queues on each port. Support flexible queue scheduling algorithms: WRR, Q+WRR. Support port-based / MAC-based / 802.1p / DSCP classification.
<b>Security</b>	
ACL	Support Standard IP / Extend IP / MAC IP / ARP Support 512 entries
Security Features	Support MAC-based 802.1X authentication. Support AAA/RADIUS authentication. Support WEB/Telnet password protection. Support Accessing privilege mode password protection.
Self-protection	Support CPU Self-protection.
<b>Management</b>	
CLI	Support CLI (Commend Line Interface) configuration mode.
Console	Support Configuration via the console port.
Telnet	Support Local/remote configuration via Telnet.
WEB	Support WEB management system.
SNMP	Support System configuration with SNMP v1/v2/v3.
User Management	Support Multi-user management.
System Log	Support.
Configuration File Download/Upload	Support Download/Upload configuration File via WEB/TFTP.
Upgrade Firmware	Support Upgrade Firmware via WEB/TFTP/Console.
<b>Debug</b>	
PING	Support.
TRACEROUTE	Support.
Telnet client	Support.
Process View	Support.
<b>Package</b>	
Weight	<2KG
package	Carton Box
Package	XT-1600G network Switch User Manual Warranty Card Power Cord*1 Rack Mount Kit*2 Rubber Feet*4