

## HARDWARE FEATURES

Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3an, IEEE 802.3ae, IEEE 802.3ad, IEEE 802.3x, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1x, IEEE 802.1p
Interface	12 100/1000/10GBase-T RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 10G SFP+ Slots
Network Media	100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) 10GBase-T: UTP CAT 5e, 6 (Maximum 55m) or above cable (Maximum 100m) 1000BASE-X: MMF, SMF 10GBASE-LR 10GBASE-SR
Fan Quantity	Two Smart Fans
Physical Security Lock	Yes
Power Supply	100-240V, 50/60Hz
Dimensions ( W x D x H )	17.3 * 8.7 * 1.73 in. (440 * 220 * 44 mm)
Mounting	Rack Mountable
Max Power Consumption	76.58W
Max Heat Dissipation	261.29 BTU/h

## PERFORMANCE

Switching Capacity	Up to 320Gbps
Packet Forwarding Rate	Up to 238.1Mpps for a standalone switch
MAC Address Table	16K
Packet Buffer Memory	2MB
Jumbo Frame	9KB
Number of Static Routes	32 IPv4
Number of IP Interfaces	16

## SOFTWARE FEATURES

Quality of Service	Support 802.1p CoS/DSCP priority Support 8 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting IPv6 QoS* Voice VLAN
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## SOFTWARE FEATURES

L2 and L2+ Features	<ul style="list-style-type: none"> <li>Static Routing</li> <li>DHCP Relay*</li> <li>IGMP Snooping V1/V2/V3</li> <li>802.3ad LACP (Up to 14 aggregation groups, containing 8 ports per group)</li> <li>Spanning Tree STP/RSTP/MSTP</li> <li>BPDU Filtering/Guard</li> <li>TC/Root Protect</li> <li>Loopback detection</li> <li>802.3x Flow Control</li> <li>LLDP, LLDP-MED*</li> </ul>
VLAN	<ul style="list-style-type: none"> <li>Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs)</li> <li>MAC/Protocol-based VLAN</li> <li>Private VLAN</li> </ul>
Access Control List	<ul style="list-style-type: none"> <li>L2 ~ L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports</li> <li>IPv6 ACL*</li> </ul>
Security	<ul style="list-style-type: none"> <li>AAA*</li> <li>Port Security</li> <li>DHCP Snooping</li> <li>IP-MAC-Port Binding</li> <li>ARP Inspection</li> <li>802.1x and Radius Authentication</li> <li>SSH v1/v2</li> <li>SSL v3/TLSv1</li> <li>Broadcast/Multicast/Unknown-unicast Storm Control</li> <li>Dos Defend</li> </ul>
IPv6	<ul style="list-style-type: none"> <li>Dual IPv4/IPv6 stack</li> <li>Multicast Listener Discovery (MLD) Snooping</li> <li>IPv6 neighbor discovery (ND)</li> <li>Path maximum transmission unit (MTU) discovery</li> <li>Internet Control Message Protocol (ICMP) version 6</li> <li>TCPv6/UDPv6</li> </ul>
IPv6 Applications	<ul style="list-style-type: none"> <li>DHCPv6 Client</li> <li>Ping6</li> <li>Tracert6</li> <li>Telnet (v6)</li> <li>IPv6 SNMP</li> <li>IPv6 SSH</li> <li>IPv6 SSL</li> <li>Http/Https</li> <li>IPv6 TFTP</li> </ul>
Management	<ul style="list-style-type: none"> <li>Web-based GUI and CLI management</li> <li>SNMP v1/v2c/v3, compatible with public MIBs and TP-LINK private MIBs</li> <li>RMON (1, 2, 3, 9 groups)</li> <li>CPU Monitoring</li> <li>Port Mirroring</li> <li>Firmware Upgrade: TFTP &amp; Web</li> <li>System Diagnose: VCT</li> <li>SYSLOG &amp; Public MIBS</li> <li>Dual Image</li> </ul>
OTHERS	
Certification	CE, FCC, RoHS

## OTHERS

Package Contents	T1700X-16TS Power Cord Installation Guide Resource CD Rackmount Kit Rubber Feet
System Requirements	Microsoft® Windows® XP, Vista™ or Windows 7, Windows 8/8.1, MAC® OS, NetWare®, UNIX® or Linux.
Environment	Operating Temperature: 0°C~40°C (32°F~104°F); Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90%RH non-condensing Storage Humidity: 5%~90%RH non-condensing