

# 850X-28

## 28-Port GbE Managed Switch with 4 10G SFP+ Uplinks



### Introduction

Proscend 28-Port GbE Managed Switch 850X-28 supports 24 RJ45 10/100/1000BASE-T ports and provides additional four 10G SFP+ ports for optical connections using multimode or single-mode SFP/SFP+ transceivers. The 850X-28 enables diversified combinations of network bandwidth and can handle extremely large amounts of data between network edge switches and core networks.

### Features

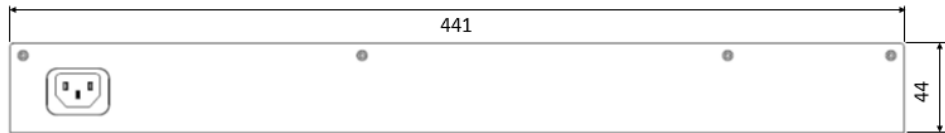
- 10G SFP+ on all uplink fiber interfaces.
- Full Gigabit Ethernet on all copper interfaces.
- Non-blocking full wire-speed.
- Support Link Aggregation, up to 80Gbps uplink bandwidth in duplex mode.
- Support Spanning Tree Protocol STP/RSTP/MSTP.
- QoS CoS/DSCP to increase determinism.
- Support Storm control.
- Access Control List (ACL).
- Auto VLAN assignment.
- IPv6 manageable.
- Support Jumbo frames.
- 19" rack mountable.

### Specifications

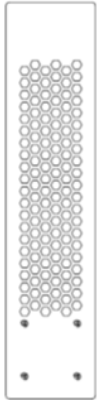
<p><b>Interfaces</b></p> <ul style="list-style-type: none"> <li>■ LAN port: 100/1000BASE-T x 24, RJ45</li> <li>■ Uplink port: 10G SFP+ slot x 4</li> <li>■ Reset Button</li> <li>■ Console port by RJ45 type</li> <li>■ AC socket</li> </ul> <p><b>Network Resilience</b></p> <ul style="list-style-type: none"> <li>■ IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP</li> <li>■ LACP: Static trunk</li> </ul> <p><b>Protocols &amp; Security</b></p> <ul style="list-style-type: none"> <li>■ Port-based and policy-based VLAN</li> <li>■ IEEE 802.1ab Link Layer Discovery Protocol (LLDP)</li> <li>■ IEEE 802.1p QoS, IGMP, Port-based traffic shaping</li> <li>■ IP and MAC-based access control</li> <li>■ IEEE 802.1X authentication Network Access Control</li> <li>■ Multicast / Broadcast / Flooding Storm Control</li> <li>■ DoS / Dynamic ARP Inspection / DHCP Snooping / IP Source Guard</li> </ul> <p><b>Mechanical</b></p> <ul style="list-style-type: none"> <li>■ Dimension (H x D x W): 44 x 196 x 441 mm</li> <li>■ Weight: 2616g</li> <li>■ Fan-less</li> <li>■ Rack mounting</li> </ul>	<p><b>Management</b></p> <ul style="list-style-type: none"> <li>■ Web-based Management, HTTP/HTTPS, Console, CLI, Telnet, SSH</li> <li>■ SNMP v1, v2c, v3, Syslog</li> <li>■ HTTP/TFTP firmware upgrade</li> <li>■ NTP</li> </ul> <p><b>Power</b></p> <ul style="list-style-type: none"> <li>■ Internal power supply</li> <li>■ Input: 100~240 VAC 50/60Hz</li> </ul> <p><b>LED Indicators</b></p> <ul style="list-style-type: none"> <li>■ Power input, System status and Alarm</li> <li>■ Ethernet LAN port Link &amp; Speed</li> <li>■ SFP+ port Link &amp; Speed</li> </ul> <p><b>Environment &amp; Regulatory Compliance</b></p> <ul style="list-style-type: none"> <li>■ Operation temperature: 0 to 50°C</li> <li>■ Storage temperature: -40 to 70°C</li> <li>■ Humidity (non-condensing): 10 to 90%</li> <li>■ EMC Class A</li> <li>■ FCC CFR Title 47, Part 15, Subpart B ANSI C63.4</li> <li>■ CE EN 55032, EN 55035, EN 6100-3-2, EN 6100-3-3</li> <li>■ Electrical safety: LVD EN 62368-1</li> <li>■ RoHS (Pb free) and REACH compliant</li> <li>■ MTBF: &gt; 25 years @25°C</li> </ul>
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## Dimensions

Unit: mm



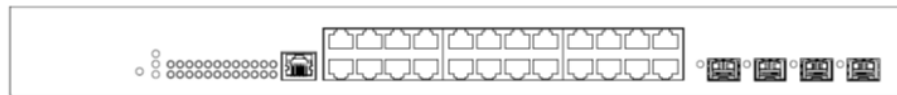
Rear View



Side View



Top View



Front View

## Ordering Information

Model Name	Description
850X-28	28-Port GbE Managed Switch with 4 10G SFP+ Uplinks

**NOTE:** Features and specifications are subject to change without prior notice.