

Layer 2/3 Ethernet Switches

Enterprise-class performance with advanced switching capabilities in a 1U form factor.
Highly cost-effective 10-Gigabit Ethernet Networking – Standalone or Top-of-Rack.

Accessories



Rear View



Model	SSE-X24S/SR	SSE-X3348S/SR	SSE-X3348T/TR
Port Attributes	<ul style="list-style-type: none"> 24 Ten Gigabit Ethernet ports - SFP+ Connectors 1 One-Gigabit Ethernet port - RJ45 Connector Out-of-band RS-232 Management port 	<ul style="list-style-type: none"> 48 Ten-Gigabit Ethernet ports - SFP+ Connectors 4 Forty-Gigabit Ethernet ports - QSFP Connectors 2 One-Gigabit Ethernet ports - RJ45 Connectors Out-of-band RS-232 Management port 	<ul style="list-style-type: none"> 48 Ten-Gigabit Ethernet ports - 10GBase-T RJ45 connectors 4 Forty-Gigabit Ethernet ports - QSFP Connectors 2 One-Gigabit Ethernet ports - RJ45 Connectors Out-of-band RS-232 Management port Energy Efficient Ethernet- IEEE 802.3az
Switching Capacity	<ul style="list-style-type: none"> 480 Gbps 	<ul style="list-style-type: none"> 1284 Gbps 	<ul style="list-style-type: none"> 1284 Gbps
Power Consumption	<ul style="list-style-type: none"> 176W (Redundant Power Supplies) Reverse airflow model available 	<ul style="list-style-type: none"> 326W (Redundant Power Supplies) Reverse airflow model available 	<ul style="list-style-type: none"> 357W (Redundant Power Supplies) Reverse airflow model available
Weight	<ul style="list-style-type: none"> 16.7 lbs / 7.58 kg 	<ul style="list-style-type: none"> 18.1 lbs / 8.2 kg 	<ul style="list-style-type: none"> 20.3 lbs / 9.22 kg
Dimensions (WxDxH)	<ul style="list-style-type: none"> 440 x 387 x 43mm (17.3" x 15.2" x 1.7") 	<ul style="list-style-type: none"> 438 x 473 x 43mm (17.3" x 18.6" x 1.7") 	<ul style="list-style-type: none"> 438 x 473 x 43mm (17.3" x 18.6" x 1.7")
Availability	<ul style="list-style-type: none"> Spanning Tree (802.1D) Rapid Spanning Tree (802.1w) 	<ul style="list-style-type: none"> Multiple Spanning Trees (802.1s) Virtual Redundant Routing Protocol (VRRP) 	
VLAN	<ul style="list-style-type: none"> 802.1Q tagging, port and protocol based Dynamic VLAN Support (GVRP) 	<ul style="list-style-type: none"> 4K Static VLANs 	
Data Center	<ul style="list-style-type: none"> DCBx 		
Quality of Service and DiffServ	<ul style="list-style-type: none"> 8 priority queues per port Adjusted WRR and Strict Priority Scheduling Layer 2, 3, 4 Prioritization 	<ul style="list-style-type: none"> Marking Metering / Rate limiting 	
Switching Features	<ul style="list-style-type: none"> Link Aggregation - 24 groups with 8 members per group MLAG support LACP Support 	<ul style="list-style-type: none"> Link Layer Discovery Protocol (802.1AB) Jumbo Frames up to 9KB Port Mirroring – N to 1. Tx & Rx Configurable 	
Routing Features	<ul style="list-style-type: none"> Static Routing, RIP v1/v2, RIPng, OSPF v1/v2/v3 and BGP IPv4 and IPv6 Routing 	<ul style="list-style-type: none"> VRRP (Virtual Router Redundancy Protocol) DVMRP (Distance Vector Multicast Routing Protocol) 	
Multicast	<ul style="list-style-type: none"> IGMP Snooping v1, v2, v3 IGMP v1, v2, v3 	<ul style="list-style-type: none"> PIM SM, PIM DM PIM SMv6 	
Security Features	<ul style="list-style-type: none"> 802.3x Port Based Authentication Switch access password protection Layer 2, 3, 4 Access Control Lists (256 rules) 	<ul style="list-style-type: none"> RADIUS and TACACS+ Authentication SSH, SSL Encryption 	
Management Features	<ul style="list-style-type: none"> Web-based management interface – HTTP/HTTPS Telnet SNMP Industry standard CLI with telnet, SSH, or local management port Scripting capability Command completion Context-sensitive "Help" 	<ul style="list-style-type: none"> Multiple levels of user privilege (CLI and Web UI) SNMP v1, v2, v3 Four RMON Groups - (1, 2, 3 and 9) Logging – syslog Dual firmware images Configuration file - upload / download 	
Operating Temperature	<ul style="list-style-type: none"> 0 ~ 40°C 	<ul style="list-style-type: none"> 0 ~ 47°C 	<ul style="list-style-type: none"> 0 ~ 45°C



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