

## Overview

Dimensions	442.4 x 44 x 496 mm (17.4 x 1.7 x 19.5")
Port Layout	
1 GbE RJ45	1 (1G/100M/10M)
2.5 GbE RJ45	32 (All PoE+++) (2.5G/1G/100M/10M)
10 GbE RJ45	16 (All PoE+++) (10G/5G/2.5G/1G/100M/10M)
25G SFP28	4 (25G/10G/1G)
100G QSFP28	2 (100G)
Console	1
Max. PoE Output	Up to PoE+++
Total PoE Availability	200-240V AC Shared Mode: 2,150W 100-120V AC Shared Mode: 1,750W 200-240V AC Redundant Mode: 950W 100-120V AC Redundant Mode: 750W
Redundancy	Switch Stacking (2) Hot-Swappable PSUs (4) Hot-Swappable Fans
Layer 3	✓
Form Factor	Rack Mount (1U, Full-Depth)
Etherlighting™	✓

## Performance

Switching Capacity	680 Gbps
Total Non-Blocking Throughput	340 Gbps
Forwarding Rate	506 Mpps
Supported VLANs	1,000

MAC Address Table Size	128,000
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L3 Table Size	
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ARP Entries	128,000
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IPv4 Routes	256,000
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Packet Buffer Size	8 MB
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Access Lists	
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IPv4	256
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MAC	256
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### Layer 3 Features

DHCP Server (Local Networks)	✓
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DHCP Relay	✓
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Inter-VLAN Routing (Local Networks)	✓
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Static Routing (Local Networks)	✓
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### Layer 2 Features

LACP Port Aggregation	✓
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STP & RSTP	✓
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QoS (DSCP)	✓
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Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓
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Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓
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IGMP Snooping	✓
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802.1X Control	✓
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MAC-Based ACLs & Device Isolation	✓
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DHCP Snooping & Guarding	✓
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Egress Rate Limit	✓
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Flow Control	✓
Storm Control	✓
Multicast & Broadcast Rate Limiting	✓
MAC Address Blocking	✓
IP-Based ACLs & Network Isolation	✓
MAC-Based Port Restriction	✓
Port Isolation	✓
Port Mirroring	✓
Jumbo Frames	✓
LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓

## Hardware

### PoE Ports

PoE+++	48
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### Max. PoE Wattage per Port by PSE

PoE	15.4W
PoE+	30W
PoE++	60W
PoE+++	90W

Max. Power Consumption	250W (Excluding PoE Output) 2,400W (Including PoE Output)
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Power Method	(2) Universal input, 100—240V AC, 50/60 Hz
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Power Input Method	(2) AC input, Hot-swappable power modules
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Power Supply	(2) Hot-swappable AC/DC 1,200W power modules
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Supported Voltage Range	100—240V AC
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Management	Ethernet OOB Management port Serial Console AR
Heat Dissipation	853 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 9.5 kg (20.9 lb) With mounting brackets: 9.6 kg (21.1 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	482.6 mm (19") four-post racks Posts depths ranging from 650 to 1,000 mm (25.6–39.4")
LCM Display	1.3" touchscreen
Fan Method	(4) Hot-swappable fan modules
ESD Protection	Air: $\pm 30\text{kV}$ , contact: $\pm 19\text{kV}$
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP28	✓
LEDs	
Ethernet	✓
SFP28	✓
System	✓
NDAA Compliant	✓
Certifications	CE, FCC, IC