

## C1-WSC3850-24XS-S Datasheet

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### Overview

Cisco ONE Catalyst 3850 24 Port 10G Fiber Switch IP Base

### Specification

#### C1-WSC3850-24XS-S Specification

General	
Device Type	Switch - 24 ports - L3 - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	24 x 1 Gigabit / 10 Gigabit SFP+
Performance	Switching capacity: 640 Gbps   Stacking bandwidth: 480 Gbps
Capacity	IPv4 routes: 24000   NetFlow entries: 48000   Switched virtual interfaces (SVIs): 1000   Virtual interfaces (VLANs): 4000
MAC Address Table Size	32000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	IS-IS, RIP-1, RIP-2, IGMPv2, IGMP, IGMPv3, policy-based routing (PBR), RIPvng, MLDv2, MLD
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, Telnet, SNMP 3, SNMP 2c, TFTP, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	DHCP support, ARP support, Syslog support, PIM snooping, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), SSH support, Virtual Route Forwarding-Lite (VRF-Lite), Uni- Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Shaped Round Robin (SRR), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), Energy Efficient Ethernet, Virtual Routing and Forwarding (VRF), Cisco StackWise-480 technology, Cisco StackPower technology, Flexible NetFlow (FNF), 802.1x authentication, radio resource management (RRM), ARP inspection, Weighted Tail Drop (WTD), VLAN Trunking Protocol (VTP), Bridge protocol data unit (BPDU), Control plane protection (CoPP)
Compliant Standards	IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s
RAM	4 GB
Flash Memory	4 GB
Status Indicators	Port transmission speed, port duplex mode, power, system, active, status
Expansion / Connectivity	

## C1-WSC3850-24XS-S Specification

Interfaces	24 x 10GBase-X SFP+   1 x USB Type A   1 x management (mini-USB) Type B   1 x console RJ-45 management   1 x management (Gigabit LAN) RJ-45   2 x network stack device
Expansion Slots	1 (total) / 1 (free) x expansion slot
Power	
Power Device	Internal power supply
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	715 Watt
Voltage Required	AC 120/230 V (50 - 60 Hz)
Miscellaneous	
MTBF	307,990 hours
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, NOM, EN 61000-3-3, EN55024, EN50082-1, EN 61000-6-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-6, CCC, ICES-003 Class A, EN 61000-4-5, FCC CFR47 Part 15, UL 60950-1, IEC 60950-1, EN 60950-1, UL 60950-1 Second Edition, KCC, RoHS, FCC Part 15 A, AS/NZS 3548 Class A, BSMI Class A, CAN/CSA C22.2 No. 60950-1, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, KN22 Class A, EN 300386, AS/NZS CISPR 22, CNS 13438, EN 55022 Class A
Software / System Requirements	
Software Included	Cisco IOS IP Base
Dimensions & Weight	
Width	17.5 in
Depth	17.7 in
Height	1.8 in
Weight	13.45 lbs
Manufacturer Warranty	
Service & Support	Limited warranty - advance parts replacement - lifetime - response time: next business day   Technical support - consulting - 90 days
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F
Humidity Range Operating	10 - 95% (non-condensing)

## C1-WSC3850-24XS-S Specification

Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F

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