

Get a Quote

## Overview

Standalone Cisco Catalyst 3850 Switch that supports SFP+ transceivers, 48 ports that support up to 10G, and 4 QSFP ports that support up to 40G, and 750 WAC front-to-back power supply. 1 RU.

### Switch to Something New

[Why Upgrade to Catalyst 9300?](#) | [See the Catalyst 9300 Series](#)

## Specification

WS-C3850-48XS-E Specification	
Capacity	
Type	Virtual interfaces (VLANs)
Value	4000
Dimensions & Weight	
Width	17.5 in
Depth	20.1 in
Height	1.8 in
Weight	16.42 lbs
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	113 °F
Humidity Range Operating	10 - 95% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Flash Memory	
Installed Size	8 GB
Header	
Compatibility	PC
Manufacturer	Cisco Systems

## WS-C3850-48XS-E Specification

Packaged Quantity	1
Product Line	Cisco Catalyst
Model	3850-48XS-E
Brand	Cisco
Interface Provided	
Qty	48
Type	Management (mini-USB)
Connector Type	Type B
Comments	Management
Miscellaneous	
Compliant Standards	AS/NZS 3548 Class A, AS/NZS CISPR 22, BSMI Class A, CAN/CSA C22.2 No. 60950-1, CCC, CISPR 22 Class A, CISPR 24, CNS 13438, EN 300386, EN 55022 Class A, EN 60950-1, EN 60950-1 Second Edition, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-6-1, EN50082-1, EN55024, FCC CFR47 Part 15, FCC Part 15 A, ICES-003 Class A, IEC 60950-1, IEC 60950-1 Second Edition, KCC, KN22 Class A, KN24, NOM, RoHS 5/6, UL 60950-1, UL 60950-1 Second Edition, VCCI Class A
Authentication Method	Kerberos, RADIUS, Secure Shell (SSH), TACACS+
MTBF	286,900 hours
Height (Rack Units)	1
Color Category	Gray
Networking	
Type	Switch
Connectivity Technology	Wired/Wireless
Remote Management Protocol	CLI, RMON 1, RMON 2, SNMP 1, SNMP 2c, SNMP 3, SSH, Telnet, TFTP
Compliant Standards	IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad (LACP), IEEE 802.3x, IEEE 802.3z
Status Indicators	Active, Port duplex mode, Port transmission speed, Power, Status, System
Ports Qty	48
Features	802.1x authentication, Access Control List (ACL) support, ARP inspection, ARP support, Bridge protocol data unit (BPDU), Cisco StackPower technology, Cisco StackWise-480 technology, Control plane protection (CoPP), DHCP snooping, DHCP support, Dynamic Trunking Protocol (DTP) support, Energy Efficient Ethernet, Flexible NetFlow (FNF), Front to back airflow, Link Aggregation Control Protocol (LACP), Multiple Spanning Tree Protocol (MSTP) support, PIM snooping, Port Aggregation Protocol (PAgP) support, Quality of Service (QoS), Radio resource management (RRM), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Remote Switch Port Analyzer (RSPAN), Shaped Round Robin (SRR), SSH support, Syslog support, Trivial File Transfer Protocol (TFTP) support, Uni-Directional Link Detection (UDLD), Virtual Route Forwarding-Lite (VRF-Lite), Virtual Routing and Forwarding (VRF), VLAN Trunking Protocol (VTP), Weighted Tail Drop (WTD)
Routing Protocol	BGP-4, EIGRP, EIGRP for IPv6, IGMP, IGMPv2, IGMPv3, IS-IS, MLD, MLDv2, OSPF, OSPFv3, PIM-DM, PIM-SM, PIM-SSM, Policy-based routing (PBR), RIP-1, RIP-2, RIPng

## WS-C3850-48XS-E Specification

MAC Address Table Size	32000 entries
Stackable	Stackable
Subcategory	Network hubs and switches
Advanced Switching	Layer 3
Manageable	Yes
Form Factor	Desktop, Rack-mountable
Jumbo Frame Support	9198 bytes
Subtype	10 Gigabit Ethernet
Performance	
Type	Switching capacity
Value	1280 Gbps
Ports	
Qty	48
Type	1 Gigabit / 10 Gigabit SFP+
Ports (2nd)	
Qty	4
Type	QSFP+
Power Device	
Frequency Required	50 - 60 Hz
Power Provided	750 Watt
Installed Qty	1
Max Supported Qty	2
Nominal Voltage	AC 120/230 V
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Type	Internal power supply
RAM	
Installed Size	8 GB
Service	