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Overview

WS-C3750X-48P-S Cisco Catalyst 3750-X Series Switch

- Stackable 48 10/100/1000 Ethernet PoE+ ports
- Four optional uplink network modules with GE or 10GE ports
- Dual redundant, modular power supplies and fans
- Media Access Control Security (MACsec) hardware-based encryption
- Flexible NetFlow and switch-to-switch hardware encryption with the Service Module uplink
- USB Type-A and Type-B ports for storage and console respectively and an out-of-band Ethernet management port
- StackWise Plus
- Cisco StackPower™ technology: An innovative feature and industry first for sharing power among stack members
- Cisco StackWise Plus technology for ease of use and resiliency with 64 Gbps of throughput
- Investment protection with backward compatibility with all other models of Cisco Catalyst 3750 Series Switches



WS-C3750X-48P-S data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750X-48P-S
Product Type	Managed, Stackable 48 ports L3 Switch
Form Factor	Fixed, Rack Mountable 1U, Stackable/Clustering

Switch Port density - Uplinks	48 x 10/100/1000 Ethernet Ports
Power Over Ethernet (PoE)	Yes
Max Number of Stacks	9
Routing Protocol	RIP-1, RIP-2, HSRP, static IP routing, RIPvng
Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, TFTP, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Hot swap module replacement, Layer 3 switching, Layer 2 switching, dynamic IP address assignment , DHCP support, power over Ethernet (PoE), auto-negotiation, ARP support, trunking, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, traffic shaping, Broadcast Storm Control, High Availability, Multicast Storm Control, Unicast Storm Control, Rapid Spanning Tree Protocol (RSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, MLD snooping, Dynamic ARP Inspection (DAI), PoE+, Per-VLAN Spanning Tree Plus (PVST+), EIGRP Stub Routing
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ae, IEEE 802.3at

DRAM Memory	256 MB
Flash Memory	128 MB Flash
LED Status Lights Indicators	Port status, link activity, port transmission speed, port duplex mode, power, system
Connectivity / Expansion Slots	
Interfaces	48 x 10Base-T/100Base-TX/1000Base-T - RJ-45 - PoE USB : 1 x 4 PIN USB Type A 1 x console - mini-USB Type B - management 1 x RS-232 - RJ-45 - management 1 x 10Base-T/100Base-TX - RJ-45 - management Network stack device : 2 x
Expansion Slot(s)	1 (total) / 1 (free) x Expansion Slot
Power Supply Specifications	
Power Device	Power supply - redundant - plug-in module
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Voltage Required	AC 120/230 V (50/60 Hz)
Features	Redundant Power System (RPS) connector
Dimensions / Weight / Miscellaneous	
Width	44.5 cm
Depth	46 cm
Height	4.5 cm
Weight	7.5 kg
Rack Mounting Kit	Optional
MTBF	139,913 hour(s)
Compliant Standards	CE, TUV GS, CISPR 22 Class A, GOST, cUL, NOM, VCCI Class A ITE, EN55022 Class A, CB, AS/NZS 60950-1, AS/NZ 3548 Class A, CCC, RoHS, UL 60950-1, IEC 60950-1, EN 60950-1, KCC, FCC Part 15 A, CSA C22.2 No. 60950-1
System Software	
Software Included	Cisco IOS IP Base
Manufacturer Warranty	
Service & Support	Limited lifetime warranty
Service & Support Details	Limited warranty - lifetime Limited warranty - power supply and fans - 5 years New releases update

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