Overview

Cisco 3850 series 24 ports LAN Base stackable switch delivers Cisco StackWise-480 technology that supports up to 480 Gpbs stack bandwidth.

Quick Specs

Figure 1 shows the appearance of Cisco WS-C3850-24T-L.

Table 1 shows the Quick Specs.

Product Code	WS-C3850-24T-L
Enclosure Type	1 RU
Feature Set	LAN Base
Network SFP uplink module selection	C3850-NM-4-1G C3850-NM-2-10G
Ports	24 * 10/100/1000 Ethernet ports
Maximum stacking number	9
Stack bandwidth	480 Gpbs
Switching Capacity	92 Gpbs
RAM	4 GB
Flash Memory	2 GB
Number of AP per switch/stack	100
Number of wireless clients per switch/stack	2000
Dimensions	4.45 cm x 44.5 cm x 45.0 cm
Package Weight	17.49 Kg

Product Details

Figure 2 shows the front panel of the Cisco WS-C3850-24T-L with blank network module.

Note:

(1)Mode button (4)USB Type A storage port

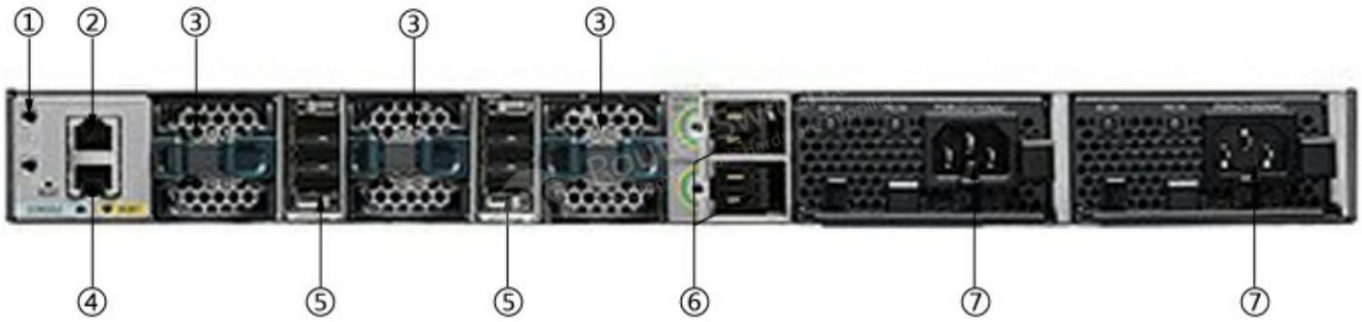
(2)Status LEDs (5)24 * 10/100/1000 Ethernet ports

(3)USB mini-Type B (console) port (6)Network SFP uplink module slot

·The status LEDs include STAT (status), DUPLX (duplex), SPEED, STACK, SYST (system), ACTV (active) and S-PWR (Stack Power).

·The switch supports one hot-swappable network module that provides uplink ports to connect to other devices. The switch should only be operated with either a network module or a blank module installed.

Figure 3 shows the back panel of the Cisco WS-C3850-24T-L.



Note

(1)Ground connector (5)StackWise port connector

(2)CONSOLE (RJ-45 console port) (6)StackPower connector

(3)Fan module (7)Power supply modules

(4)MGMT port

Figure 4 shows the StackWise-480 and StackPower connectors.

For the stacking purpose, LAN base switches can only stack with other Catalyst 3850 Series LAN base, mix stack with IP base or IP service feature set is not supported.

Available PoE Power	None
Switching Capacity	92Gbps
Maximum stacking number	up to 9 switches with same IOS feature set in same series
Stack Bandwidth	480Gbps
Forwarding Performance	68.4Mpps
FNF entries	Disabled (IP base license required)
Maximum VLANs IDs	255
MAC Address Table Size	32K
CPU	Multicore CPU
RAM	4 G
Flash Memory	2 G
Wireless	
Number of AP per switch/stack	100
Number of wireless clients per switch/stack	2000
Total number of WLANs per switch	64
Wireless bandwidth per switch	up to 20Gbps
Supported Aironet AP series	3600, 3500, 2600, 1600, 1260, 1140, 1040
Expansion / Connectivity	
Console ports	USB (Type-B), Ethernet (RJ-45)
Expansion Slot(s)	1 network module slot and 1 power redundant slot
Network Modules Selection	● C3850-NM-4-1G: 4 x 1G uplinks network module ●C3850-NM-2-10G: 2 x 10G or 4 x 1G uplinks network module
Stacking cable	●STACK-T1-50CM StackWise stacking cable with a 0.5 m length ●STACK-T1-1M StackWise stacking cable with a 1.0 m length ●STACK-T1-3M StackWise stacking cable with a 3.0 m length
Stack Power Cable (recommended)	●CAB-SPWR-30CM stack power cable with a 30CM length ●CAB-SPWR-150CM stack power cable with a 150CM length
Power supply	PWR-C1-350WAC
Power Device	Power supply - redundant - plug-in module
Power Redundancy	optional
Voltage range (Auto)	100V-240V
Power Consumption of standalone(in Watts)	84.97 (max)
Miscellaneous	
Width	17.5 Inches (44.5 cm)
Depth	17.7 Inches (44.5 Cm)
Height	1.75 Inches (4.45 cm)