

## C6800-48P-TX-XL Datasheet

### Overview

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C6800-48P-TX-XL is Cisco Catalyst 6800 48-port 1GE copper module with integrated DFC4XL. This C6800-48P-TX-XL is similar with the C6800- 48P-TX-XL=. The C6800-48P-TX-XL= is a spare one.

### Quick Specs

Figure 1 shows the appearance of C6800-48P-TX-XL.



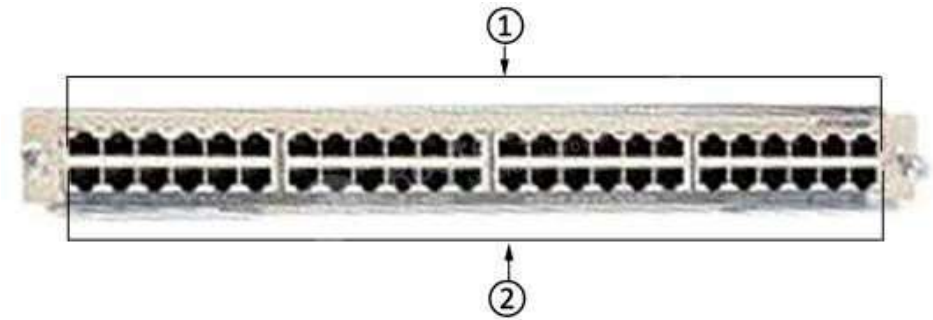
Table 1 shows the Quick Specs.

Product Code	C6800-48P-TX-XL
Product Type	6800 Series 1 Gigabit Modules
Transceiver Type	RJ-45
Ports/Interface/ Connectors	48-port, RJ-45, 100m, Category 5 cable
Port Density/ Chassis Model	.240 ports/ C6807-XL .528 ports/ 6513E .384 ports/ 6509E
Maximum Frame Size	Up to 9216 bytes/frame
Fabric channel speed	20 Gb/sec
Pluggable transceivers	Not supported
TDR support	Supported
Buffer Size per Port	.Rx-166KB .Tx-1.17MB
Onboard Memory	1GB Default
Power Requirements	405 and 410 Watts respectively
Backplane connection	Connects to the switch fabric using dual full-duplex 20-Gbps switch fabric channels (40 Gbps total).

<b>Chassis/slot support</b>	Can occupy slots 1-2 and 5-7 in C6807-XL chassis. Can occupy any slots in Cisco Catalyst 6503E, 6504E, 6506E, 6509E, and 6509-V-E. Can occupy slots 1-6 and 9-13 in a Cisco Catalyst 6513-E.
<b>Supervisor engine</b>	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.
<b>Distributed forwarding and performance</b>	Comes equipped with DFC4 or DFC4XL daughter cards, delivering optimal performance up to a sustained 60 Mpps for L2, IPv4 and MPLS forwarding and 30 Mpps for IPv6 forwarding.

### Product Details

Figure 2 shows the front panel of C6800-48P-TX-XL.



Note:

(1)	Odd numbered ports
(2)	Even numbered ports

### Compare to Similar Items

Table 3 shows the comparison of C6800-48P-TX-XL and C6800-48P-SFP-XL.

<b>Product Code</b>	C6800-48P-TX-XL	<a href="#">C6800-48P-SFP-XL</a>
<b>Description</b>	48-port Copper Gigabit Ethernet Module with DFC4XL	48-port SFP fiber Gigabit Ethernet Module with DFC4XL
<b>Ports/Interface/Connectors</b>	48-port, RJ-45, 100m, Category 5 cable	48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector
<b>Maximum Frame Size</b>	Up to 9216 bytes/frame	Up to 9216 bytes/frame
<b>Queues per Port (Tx = Transmit, Rx = Receive)</b>	·Tx-1p3q8t; Rx-2q8t	·Tx-1p3q8T ·Rx-2q8T
<b>Buffer Size per Port</b>	·Rx-166KB ·Tx-1.17MB	·Rx-166KB ·Tx-1.17MB
<b>Power Requirements</b>	405 and 410 Watts respectively	334.44 and 339.44 Watts respectively
<b>Supervisor engine</b>	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.
<b>Dimensions (H x W x D)</b>	1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm). Occupies one slot in the chassis.	1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm). Occupies one slot in the chassis.
<b>Weight</b>	8.06 lb (3.66 kg)	8.06 lb (3.66 kg)

### Get More Information

Do you have any question about the Cisco C6800-48P-TX-XL?

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## Specification

C6800-48P-TX-XL Specification	
Dimensions (H x W x D)	1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm). Occupies one slot in the chassis.
Weight	8.06 lb (3.66 kg)
Operating temperature	Certified for operation: 32° to 104°F (0° to 40°C) Designed and tested for operation: 32° to 130°F (0° to 55°C)
Humidity (RH) ambient (noncondensing)	10 to 90 percent
Operating altitude	Certified for operation: 0 to 6500 ft (0 to 2000 m) Designed and tested for operation: -200 to 10,000 ft (-60 to 3000 m)

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