

C6800-48P-TX Datasheet

Overview

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C6800-48P-TX is Cisco Catalyst 6800 48-port 1GE copper module with integrated DFC4. This C6800-48P-TX is similar with the C6800-48P-TX=. The C6800-48P-TX= is a spare one.

Quick Specs

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



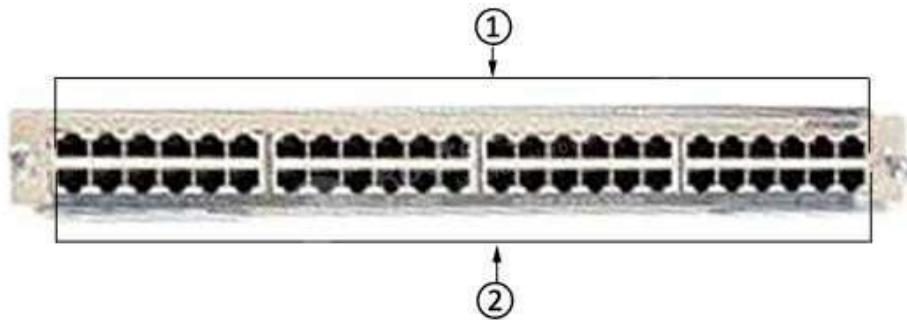
Table 1 shows the Quick Specs.

Product Code	C6800-48P-TX
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).

Chassis/slot support	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.
Supervisor engine	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.
Distributed forwarding and performance	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.
Backplane connection	Connects to the switch fabric using dual full-duplex 20-Gbps switch fabric channels (40 Gbps total).
Chassis/slot support	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.
Supervisor engine	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.
Distributed forwarding and performance	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.
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	8.24 lb (3.74 kg)

Product Details

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



Note:

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

Compare to Similar Items

Table 2 shows the comparison of C6800-48P-TX and C6800-48P-SFP-XL.

Product Code	C6800-48P-TX	C6800-48P-SFP-XL
Description	48-port Copper Gigabit Ethernet Module with DFC4	48-port SFP fiber Gigabit Ethernet Module with DFC4XL
Ports/Interface/Connectors	48-port, RJ-45, 100m, Category 5 cable	48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector
Maximum Frame Size	Up to 9216 bytes/frame	Up to 9216 bytes/frame
Queues per Port (Tx = Transmit, Rx = Receive)	.Tx-1p3q8T .Rx-2q8T	.Tx-1p3q8t; Rx-2q8t

Buffer Size per Port	.Rx-166KB .Tx-1.17MB	.Rx-166KB .Tx-1.17MB
Power Requirements	405 and 410 Watts respectively	334.44 and 339.44 Watts respectively
Supervisor engine	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.

Get More Information

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Specification

C6800-48P-TX 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	8.24 lb (3.74 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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