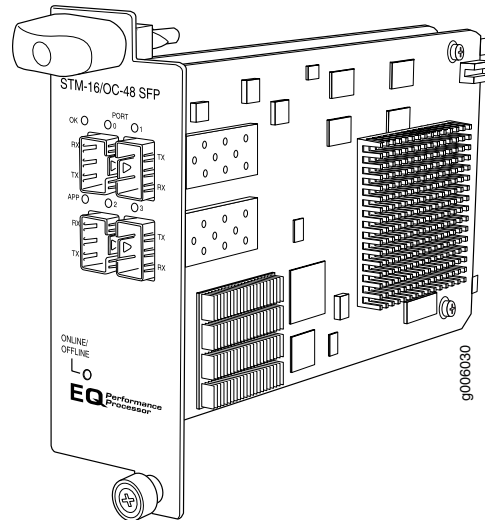


## SONET/SDH OC48/STM16 Enhanced IQ (IQE) PIC with SFP



Software release	<ul style="list-style-type: none"> <li>Junos OS Release 10.4R2 and later (Type 3)</li> </ul>
Description	<ul style="list-style-type: none"> <li>Four OC48/STM16 ports</li> <li>Clear channel functionality</li> <li>SONET and SDH is configured on a per-port granularity</li> <li>Power requirement: 1.06 A @ 48 V (51 W)</li> <li>Weight: 1.6 lb (0.725 kg)</li> <li>Model number: PC-4OC48-STM16-IQE-SFP</li> </ul>
Hardware features	<ul style="list-style-type: none"> <li>Ports are numbered: <ul style="list-style-type: none"> <li>Top row: 0 and 1 from left to right</li> <li>Bottom row: 2 and 3 from left to right</li> </ul> </li> <li>Maximum transmission units (MTUs) of up to 9192 bytes</li> </ul>

## Software features

- Quality of service (QoS) per channel: weighted round-robin (WRR), random early detection (RED), weighted random early detection (WRED)
- Fine-grained egress queuing per logical interface. See the *Class of Service Feature Guide for Routing Devices and EX9200 Switches* for more information about class-of-service features
- Packet buffering
- Local line and remote payload loopback testing
- Optical diagnostics and monitoring
- Clocking options: internal or external/loop mode. Each OC48 transmitter port is configured either in internal or external mode. The default clocking option is internal mode.
- Encapsulations:
  - Extended Frame Relay for circuit cross-connect (CCC) and translational cross-connect (TCC)
  - Flexible Frame Relay
  - Frame Relay
  - Frame Relay for CCC
  - Frame Relay for TCC
  - Frame Relay port CCC
  - High-Level Data Link Control (HDLC)
  - HDLC framing for CCC
  - HDLC framing for TCC
  - MPLS CCC
  - MPLS TCC
  - Point-to-Point Protocol (PPP)
  - PPP for CCC
  - PPP for TCC

## Cables and connectors

**TIP:** You can use the [Hardware Compatibility Tool](#) to find information about the pluggable transceivers supported on your Juniper Networks device.

The list of supported transceivers for the MX Series is located at <https://pathfinder.juniper.net/hct/category/#catKey=100001&modelType;=All&pf;=MX+Series>.

**NOTE:** To extend the life of the laser, when a PIC is not being actively used with any valid links, take the PIC offline until you are ready to establish a link to another device. For information about taking a PIC offline, see the **request chassis pic offline** command in the [CLI Explorer](#).