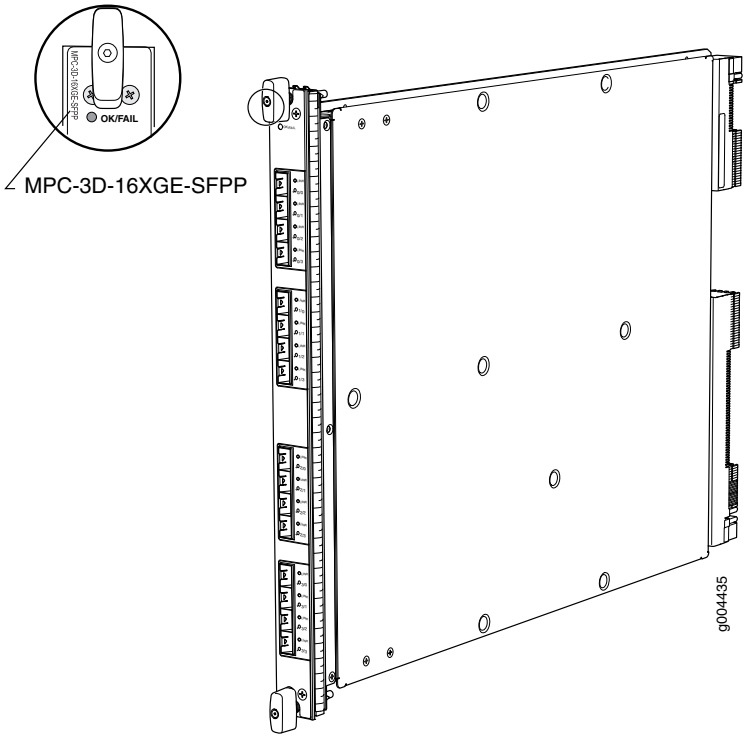
16x10GE MPC



Software release	• MX240, MX480, and MX960 routers : Junos OS Release 10.0R2 and later • MX2010 and MX2020 router: Junos OS Release 12.3 and later

Description	• Fixed configuration MPC with sixteen 10-Gigabit Ethernet ports
	• Power requirement: 9.17 A @ 48 V (440 W)
	• Weight: 18.35 lb (8.3 kg)
	• Model numbers:
	  ◦ MPC-3D-16XGE-SFPP
	  ◦ MPC-3D-16XGE-SFPP-R-B
	• Name in the CLI:
	  ◦ **MPC 3D 16x10GE**
	  ◦ **MPC 3D 16x10GE EM**

Hardware features	• High-performance throughput on each port at speeds up to 10 Gbps • Four fully programmable Junos Trio chipsets for increased scaling for bandwidth, subscribers, and services • One Junos Trio chipset per set of four ports • LAN-PHY mode at 10.3125 Gbps NOTE: The 16x10GE 3D MPC does not support WAN-PHY mode.

Software features	• Optical diagnostics and related alarms • See "Protocols and Applications Supported on MPCs for MX Series Routers" on page 319 for information about the protocols and applications that this MPC supports.
Interfaces	Syntax: xe-*fpc/pic/port* where: • fpc: Slot in the router where the MPC is installed • pic: Grouping of 4 ports, numbered 0 through 3 • port: 0 through 3 For example, xe-1/3/3 is the interface for the last port (labeled **3/3**) on an MPC installed in slot 1.
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: The 16x10GE 3D MPC does not support WAN-PHY mode. NOTE: SFPP-10G-CT50-ZR is not NEBS compliant when plugged into the MPC-3D-16XGE-SFPP. If the ambient air temperature exceeds 40 degrees C, Junos OS disables the transmitter, which takes the optical transceiver offline.
LEDs	**OK/FAIL** LED, one bicolor: • Steady green—MPC is functioning normally. • Blinking green—MPC is transitioning online or offline. • Red—MPC has failed. Enable/disable LED, one bicolor per port: • Green—Port is enabled. • Yellow—Port is not functioning normally. • Off—Port is disabled. The enable/disable LEDs are labeled in groups of four: • **0/0** through **0/3** • **1/0** through **1/3** • **2/0** through **2/3** • **3/0** through **3/3**