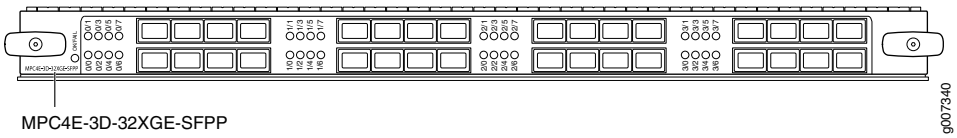
32x10GE MPC4E



Software release	• Junos OS Release 12.3R2 and later
Description	• Fixed configuration MPC with thirty-two 10-Gigabit Ethernet ports • Power requirement: 12.7 A @ 48 V (610 W) • Weight: 19.4 lb (8.8 kg) • Model number: MPC4E-3D-32XGE-SFPP
Hardware features	• Line-rate throughput of up to 260 Gbps • WAN-PHY mode at 10 Gbps on a per-port basis • Supports maximum transmission unit (MTU) size of 9,192 bytes for host bound packets. For Junos OS 16.1R1 and later releases, the MTU size supported is 9,500 bytes. • Supported on MX2020, MX2010, MX960, MX480, and MX240 routers with both normal-capacity and high-capacity power supplies and fan trays.
Software features	• Optical diagnostics and related alarms • Up to 260 Gbps of full-duplex traffic • Intelligent oversubscription services • Configurable LAN-PHY and WAN-PHY mode options per port • Local loopback • Configurable to interoperate with routers that use the 100-Gigabit Ethernet PIC (Type 4 PIC on Type 4 FPC) • See "Protocols and Applications Supported on the MPC4E for MX Series Routers" on page 351 for information about the protocols and applications that this MPC supports.
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: SFPP-10GE-ZR has a commercial temperature rating and is not NEBS compliant when plugged into the 32x10GE MPC4E with SFP+. If the ambient air temperature exceeds 40°C, Junos OS disables the transmitter, which takes the optical transceiver offline. NOTE: SFPP-10G-DT-ZRC2 is not NEBS compliant when plugged into the MPC4E-3D-32XGE-SFPP MPC. If the ambient air temperature exceeds 40°C, Junos OS disables the transmitter, which takes the optical transceiver offline. NOTE: On the MX960 router, FPC slot **0** and FPC slot **11** are not NEBS compliant beyond 104°F (40°C). This is a cooling restriction.