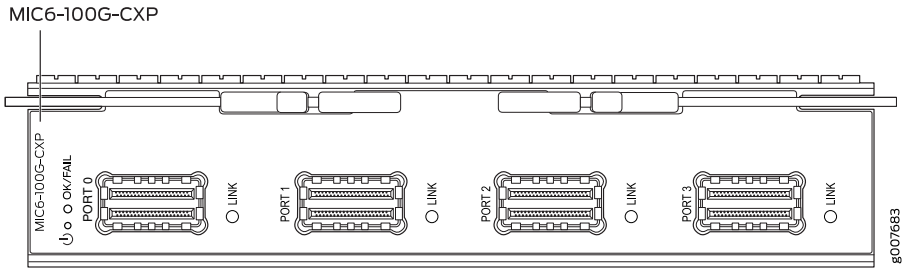
100-Gigabit Ethernet MIC with CXP (4 Ports)



Software release	• Junos 13.3R2 and later For information about which MPCs support this MIC, see "MIC/MPC Compatibility" on page 26. For information about which MICs are supported on MX Series routers, see "MICs Supported by MX Series Routers" on page 18.
Description	• Four 100-Gigabit Ethernet ports • Power requirement: 5.5 A @ 10.4 V (57 W) • Weight: 2.7 lb (1.22 kg) • Model number: MIC6-100G-CXP • Name in the CLI: **4X100GE CXP**
Hardware features	• Line-rate throughput of up to 100Gbps per port. • Supports 100GBASE-SR10 over CXP pluggable optics • Supports LOS-squelch, enabling Synchronous Ethernet fast-clock-failover on a port down event • Maximum transmission units (MTUs) of up to 9192 bytes

Software features	• Compliant to ITU-T specifications • Optical diagnostics and related alarms • Virtual Router Redundancy Protocol (VRRP) support • IEEE 802.1Q virtual LANs (VLANs) support • IEEE 802.1ad support • Remote monitoring (RMON) EtherStats • Source MAC learning • MAC accounting and policing—Dynamic local address learning of source MAC addresses • In-service software upgrade (Unified ISSU)
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.
LEDs	**OK/FAIL** LED, one tricolor: • Green—MIC is functioning normally. • Yellow—MIC is coming online. • Red—MIC has failed. **LINK** LED, one bicolor per port: • Off—No link. • Green—Link is up. • Yellow—Link is disabled. The ports are labeled: • **Port 0** to **Port 3**

Related Documentation

- MX Series MIC Overview on page 17