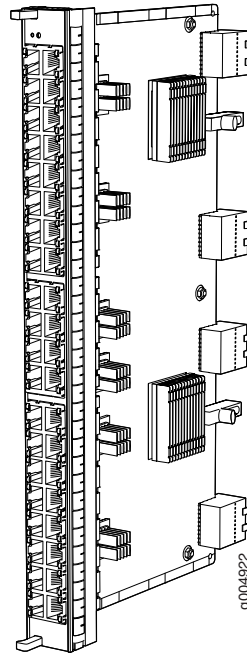


Tri-Rate MIC

Figure 31: 40-Port Tri-Rate MIC



Software release	<ul style="list-style-type: none"> Junos 10.2 and later <p>For information on which MPCs support this MIC, see “MIC/MPC Compatibility” on page 26. For information on which MICs are supported on MX Series routers, see “MICs Supported by MX Series Routers” on page 18.</p>
Description	<ul style="list-style-type: none"> 40 autonegotiating 10BASE-T, 100BASE-TX, or 1000BASE-T Megabit Ethernet ports Power requirement: 0.85 A @ 48 V (41 W) Weight: 1.9 lb (0.9 kg) Model number: MIC-3D-40GE-TX Name in the CLI: 3D 40GE TX
Hardware features	<ul style="list-style-type: none"> Dual-wide MIC that installs into 2 slots. <p>For information on how to install dual-wide MICs, see the <i>Installing Dual-Wide MIC</i> topic in the respective <i>MX Series Router Hardware Guide</i>.</p> <ul style="list-style-type: none"> High-performance throughput on each port at speeds of 10 Mbps, 100 Mbps, or 1000 Mbps Up to 40-Gbps of full-duplex traffic Autonegotiation between Gigabit Ethernet circuit partners Maximum transmission units (MTUs) of up to 9192 bytes

Software features	<ul style="list-style-type: none">• Virtual Router Redundancy Protocol (VRRP) support• IEEE 802.1Q virtual LANs (VLANs) support• Remote monitoring (RMON) EtherStats• Source MAC learning• MAC accounting and policing—Dynamic local address learning of source MAC addresses• Flexible Ethernet encapsulation• Multiple tag protocol identifiers (TPID)
Interfaces	<p>Syntax: <i>ge-fpc/pic/port</i> where:</p> <ul style="list-style-type: none">• fpc: Slot in the router where the MPC is installed.• pic: The ports on the MPC are divided into four logical PICs numbered 0, 1, 2, and 3.• port: 0 through 9 <p>For example, <i>ge-2/3/0</i> is the interface for port 0 in logical PIC 3 on the MPC installed in slot 2.</p> <p>Figure 15 on page 152, Figure 33 on page 197, and Figure 34 on page 197 illustrate the port numbering for the Tri-Rate MIC installed in the MX960, MX480, and MX240, respectively.</p>
Cables and connectors	<ul style="list-style-type: none">• Connector: Four-pair, Category 5 shielded twisted-pair connectivity through an RJ-45 connector• Pinout: MDI, MDI crossover• Maximum distance: 328 ft (100 m) <p>CAUTION: Do not use RJ-45 cables with strain-relief boots exceeding 1.5 mm from the bottom of the connector. Cable boots that exceed this measurement can damage the port.</p>
LEDs	<p>OK/fail LED, one bicolor:</p> <ul style="list-style-type: none">• Green—MIC is functioning normally.• Red—MIC has failed. <p>Link LED, one green per port:</p> <ul style="list-style-type: none">• Off—No link.• On steadily—Link is up.

[Figure 15 on page 152](#), [Figure 33 on page 197](#), and [Figure 34 on page 197](#) illustrate the port numbering for the Tri-Rate MIC installed in the MX960, MX480, and MX240, respectively.

Figure 32: Port Numbering for the Tri-Rate MIC (MX960)

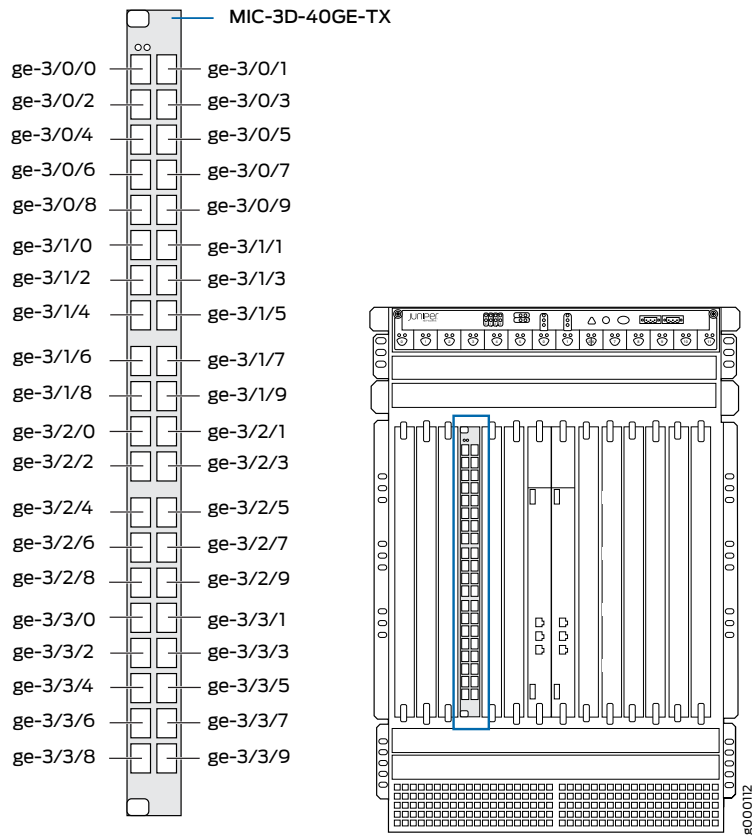


Figure 33: Port Numbering for the Tri-Rate MIC (MX480)

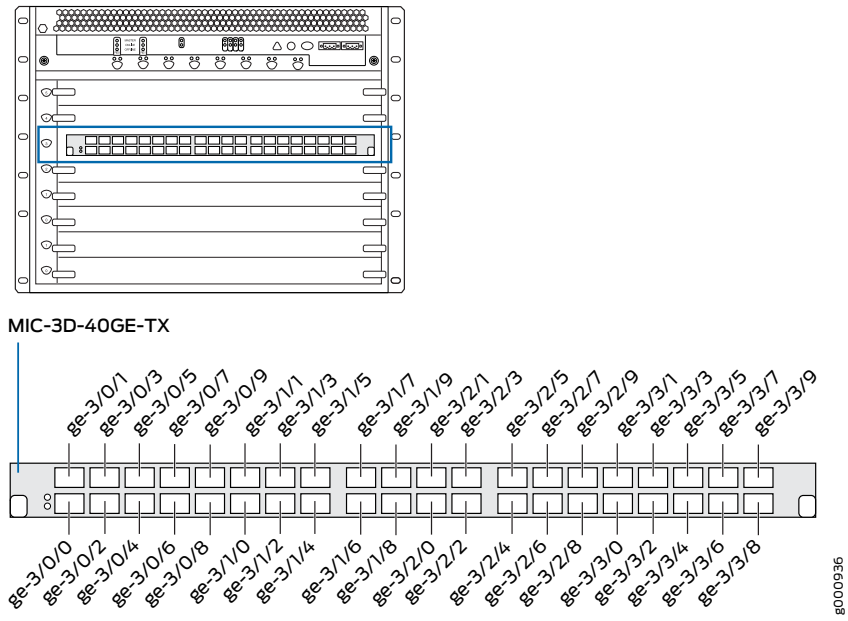


Figure 34: Port Numbering for the Tri-Rate MIC (MX240)

