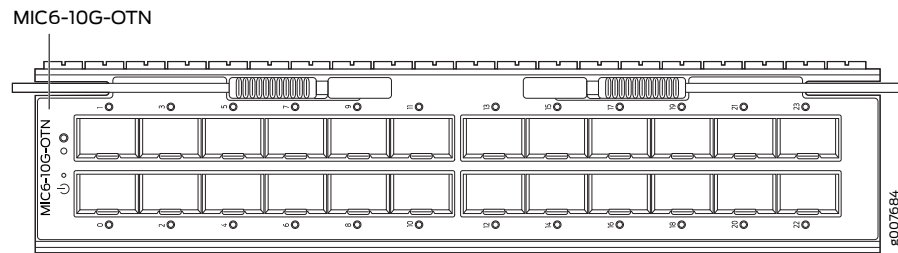


## 10-Gigabit Ethernet OTN MIC with SFP+ (24 Ports)



Software release	<ul style="list-style-type: none"> <li>Junos 13.3R3 and later</li> </ul> <p>For information about which MPCs support this MIC, see <a href="#">“MIC/MPC Compatibility” on page 26</a>. For information about which MICs are supported on MX Series routers, see <a href="#">“MICs Supported by MX Series Routers” on page 18</a>.</p>
Description	<ul style="list-style-type: none"> <li>Twenty-four 10-Gigabit optical transport network (OTN) ports for transport of 10-Gigabit Ethernet (10GBASE-R) traffic</li> <li>Power requirement: 1.5 A @ 52 V (84 W)</li> <li>Weight: 3.4 lb (1.54 kg)</li> <li>Model number: MIC6-10G-OTN</li> <li>Name in the CLI: <b>24x10GE OTN</b></li> </ul>
Hardware features	<ul style="list-style-type: none"> <li>High-performance throughput on each port at speeds up to 10 Gbps</li> <li>LAN-OTU2e mode (G.Sup43, 7.1) at 11.09 Gbps</li> <li>WAN-OTU2 mode (G.Sup43, 6.1) at 10.70 Gbps</li> <li>Supports LOS-squelch, enabling Synchronous Ethernet fast-clock-failover on a port-down event</li> <li>Provides IEEE 1588 time-stamping at physical interface for improved accuracy</li> <li>Maximum transmission units (MTUs) of up to 9192 bytes</li> </ul>
Software features	<ul style="list-style-type: none"> <li>OTN support for 10-Gigabit Ethernet interface</li> <li>Compliant with ITU-T specifications</li> <li>Transparent transport of 10-Gigabit Ethernet signals with optical channel transport unit 2 (OTU2/OTU2e) framing</li> <li>Optical diagnostics and related alarms</li> <li>Configurable LAN-PHY, WAN-PHY, or OTN mode options per port</li> <li>Virtual Router Redundancy Protocol (VRRP) support</li> <li>IEEE 802.1Q VLAN support</li> <li>IEEE 802.1ad support</li> <li>Remote monitoring (RMON) EtherStats</li> <li>Source MAC learning</li> <li>MAC accounting and policing—Dynamic local address learning of source MAC addresses</li> <li>In-service software upgrade (Unified ISSU)</li> </ul>

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 bicolor:

- 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] through Port [23]