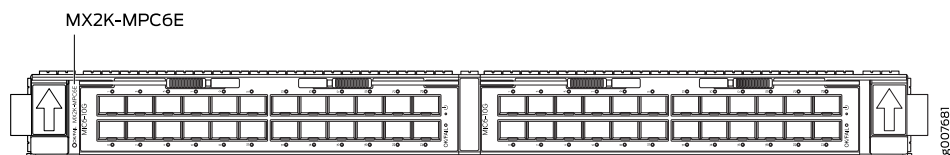


MPC6E



Software release

- Junos OS Release 13.3R2 and later

For information about which MICs are supported on this MPC, "[MIC/MPC Compatibility](#)" on page 26.

Description

- Two slots for MICs
- Weight: 27.4 lb (12.43 kg) (net weight without blank panels)
- Model number: MX2K-MPC6E
- Name in the CLI: **MPC6E 3D**

Hardware features

- Two slots for MICs
- Line-rate throughput of up to 480 Gbps
- Field-removable septum, to accommodate future full-height MICs
- 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.

Maximum Power Requirements

Power requirement: 20.9 A @ 52 V (880 W; plus 104 W for each MIC)

MX2K-MPC6E:

- Typical: 648 W
- 880 W at 55° C
- 834 W at 40° C
- 824 W at 25° C

Software features

- Optical diagnostics and related alarms
- Configurable LAN-PHY and WAN-PHY mode options per 10-Gigabit Ethernet port
- Two Packet Forwarding Engines for each MIC slot
- Intelligent oversubscription services
- See "[Protocols and Applications Supported by the MPC6E for MX2000 Routers](#)" on page 366 for information about the protocols and applications that this MPC supports.

LEDs

OK/FAIL LED, one bicolor:

- Steady green—MPC is functioning normally.
- Blinking green—MPC is transitioning online or offline.
- Red—MPC has failed.

LINK LED, one bicolor per port:

- Green—Link is up.
- Yellow—Link is disabled.
- Off—Link is down.

Related Documentation

- [MX Series MPC Overview](#) on page 11
- [MPCs Supported by MX Series Routers](#) on page 12
- [MPC6E on MX Series Routers Overview](#)