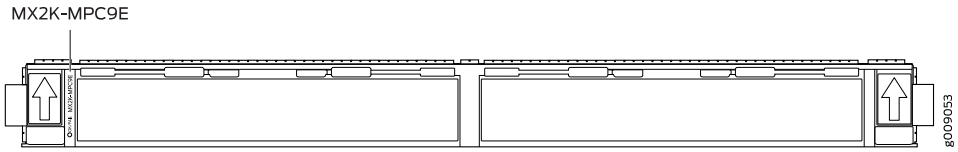
MPC9E



Software release	• Junos OS Release 15.1F5 with Junos Continuity • Junos OS release 16.1R1 and later
Description	• Weight: 31.4 lb (14.24 kg) (net weight without blank panels) • Model number: MX2K-MPC9E • Name in the CLI: **MPC9E 3D**
Hardware features	• Line-rate throughput of up to 1600 Gbps (1.6 Tbps) on MX2000 routers. • Four Packet Forwarding Engines, each providing a maximum bandwidth of 400 Gbps. • Supports two MICs. For information about which MICs are supported on this MPC, see "MIC/MPC Compatibility" on page 26. • Junos Trio chipsets for increased scaling for bandwidth, subscribers, and services • Supports the Switch Fabric Boards SFB and SFB2. When MPC9E is used with SFB, the line-rate throughput is limited to 800 Gbps. • Supports maximum transmission units (MTUs) from 256 bytes through 16,000 bytes for transit traffic, and from 256 bytes through 9,500 bytes for host bound packets.
Software features	• *Dynamic Power Management* for effective utilization of available power. • *Inline Active Flow Monitoring* for higher scalability and performance. • *Flexible Queuing Mode* using an add-on license to support 32,000 queues per line card, including queues on both ingress and egress interfaces. You can use an additional license to support up to 512,000 queues per slot or 1,000,000 queues per slot. • *Hyper Mode* to speed up packet processing. • Optical diagnostics and related alarms. For more information about features supported on MPC9E, see "Protocols and Applications Supported by the MPC8E and MPC9E on the MX2010 and MX2020 Routers" on page 382.
Power requirements (without MICs)	• Typical: 838 W • At different temperatures: 55° C: 1018 W 40° C: 870 W 25° C: 840 W
LEDs	**OK/FAIL** LED, one bicolor: • Steady green—MPC is functioning normally. • Yellow—MPC has failed.

Related Documentation

- *MPC9E on MX Series Routers Overview*
- MX Series MPC Overview on page 11
- MPCs Supported by MX Series Routers on page 12
- *Junos Continuity Software User Guide (Junos OS Release 14.1R4 and Later Releases)*
- *Understanding Rate Selectability*