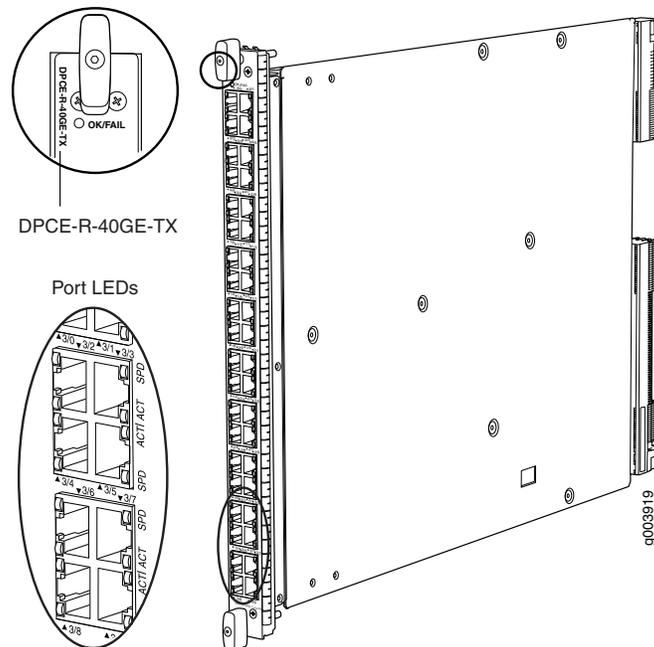## Tri-Rate Enhanced DPC

DPCE-R-40GE-TX

Port LEDs

Software release	• Junos OS Release 9.1 and later
Description	• 40 autonegotiating 10BASE-T, 100BASE-TX, or 1000BASE-T Megabit Ethernet ports • Power requirement: 6.67 A @ 48 V (320 W) • Weight: 14.5 lb (6.6 kg) • Supports large Ethernet frame sizes for more efficient throughput across the intra-POP network • Model number: DPCE-R-40GE-TX • Name in the CLI: DPCE 40x 1GE R TX

Hardware features	• High-performance throughput on each port at speeds of 10 Mbps, 100 Mbps, or 1000 Mbps
	• Autonegotiation between Gigabit Ethernet circuit partners
	• Full-duplex mode
	• Maximum transmission units (MTUs) of up to 9192 bytes
	• Enhanced ASICs for increased performance and scalability of Layer 2 features
	• There are four sets of 10 ports labeled:
	   • 0/0 through 0/9
	   • 1/0 through 1/9
	   • 2/0 through 2/9
	   • 3/0 through 3/9

Software features	• See "Protocols and Applications Supported by DPCs and Enhanced DPCs (DPC and DPCE-R)" on page 297 for information about the protocols and applications that this DPC supports.

Interfaces	Syntax: ge-*fpc/pic/port* where:
	• fpc: Slot in the router where the DPC is installed
	• pic: Grouping of 10-ports, numbered 0 through 3
	• port: 0 through 9
	For example, ge-1/3/0 is the interface for port 0 (labeled **3/0**) in the right-most grouping of ports on a DPC installed in slot 1.
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.
	• Connector: Four-pair, Category 5 shielded twisted-pair connectivity through an RJ-45 connector
	• Pinout:
	◦ Junos OS Release 9.1: MDI
	◦ Junos OS Release 9.2 and later: MDI, MDI crossover
	• Maximum distance: 328 ft/100 m
	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.
LEDs	**OK/FAIL** LED, one bicolor:
	• Steady green—DPC is functioning normally.
	• Blinking green—DPC is transitioning online or offline.
	• Red—DPC has failed.
	ACT LED, one green per port:
	• Off—No active traffic.
	• Blinking—Link is active.
	SPD LED, one bicolor:
	• Green—DPC is functioning in 1000BASE-T mode.
	• Yellow—DPC is functioning in 10BASE-T or 100BASE-TX mode.
	• Off—No link.
	The **ACT** and **SPD** LEDs are located on either side of the ports labeled horizontally and top to bottom **0/0** through **3/9**.
Related Documentation	• MX Series DPC Overview on page 7
	• DPCs Supported on MX240, MX480, and MX960 Routers on page 8