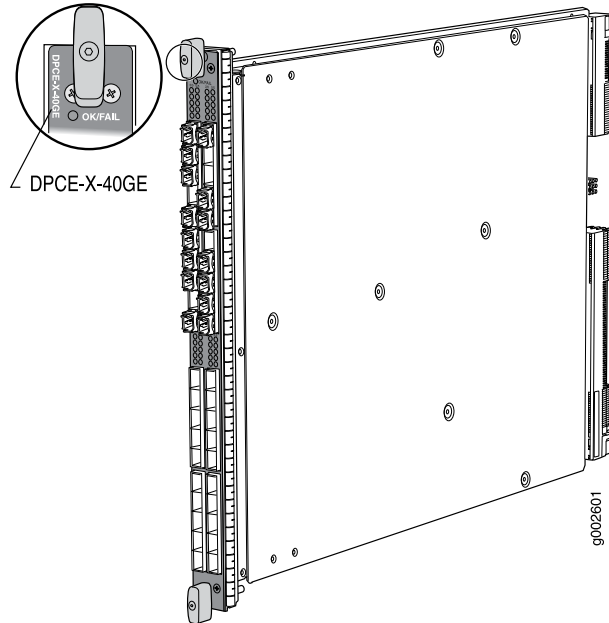


Gigabit Ethernet Enhanced Ethernet Services DPC with SFP



Software release	<ul style="list-style-type: none"> Junos OS Release 8.4 and later
Description	<ul style="list-style-type: none"> 40 Gigabit Ethernet ports Power requirement: 6.98 A @ 48 V (335 W) Weight: 13.1 lb (5.9 kg) Supports large Ethernet frame sizes for more efficient throughput across the intra-POP network Model number: DPCE-X-40GE-SFP Name in the CLI: DPCE 40x 1GE X
Hardware features	<ul style="list-style-type: none"> High-performance throughput on each port at speeds up to 1 Gbps 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
Software features	<ul style="list-style-type: none"> Optical diagnostics and related alarms See “Protocols and Applications Supported by Enhanced Ethernet Services DPCs (DPCE-X)” on page 303 for information about the protocols and applications that this DPC supports. <p>NOTE: The routing table is limited to 32,000 IP routes. This limitation applies to any manner in which the routes are learned, such as OSPF, RIP, and so on. The DPC supports BGP for L2 VPNs only.</p>

Interfaces

Syntax: *ge-fpc/pic/port* where:

- fpc: Slot in the router where the DPC is installed
- pic: 0 (bottom left row of 10 ports), 1 (bottom right row of 10 ports), 2 (top left row of 10 ports), or 3 (top right row of 10 ports)
- port: 0 through 9

For example, *ge-1/3/0* is the interface for port 0 in the top right row of 10 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>.

You can install any transceiver supported by the DPC. For information about installing and removing transceivers, see the hardware guide for your router.

NOTE: Do not install Gigabit Ethernet SFPs in the SONET/SDH port. The port will not recognize the SFP.

LEDs

OK/FAIL LED, one bicolor:

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

Link LED, one green per port:

- Off—No link.
- On steadily—Link is active.

The Link LEDs are labeled in groups of five:

- 0/0 for 0/0 through 0/4
- 0/5 for 0/5 through 0/9
- 1/0 for 1/0 through 1/4
- 1/5 for 1/5 through 1/9
- 2/0 for 2/0 through 2/4
- 2/5 for 2/5 through 2/9
- 3/0 for 3/0 through 3/4
- 3/5 for 3/5 through 3/9
