

## Gigabit Ethernet Enhanced Queuing IP Services DPCs with SFP

Figure 3: 20-Port Gigabit Ethernet Enhanced Queuing IP Services DPC with SFP

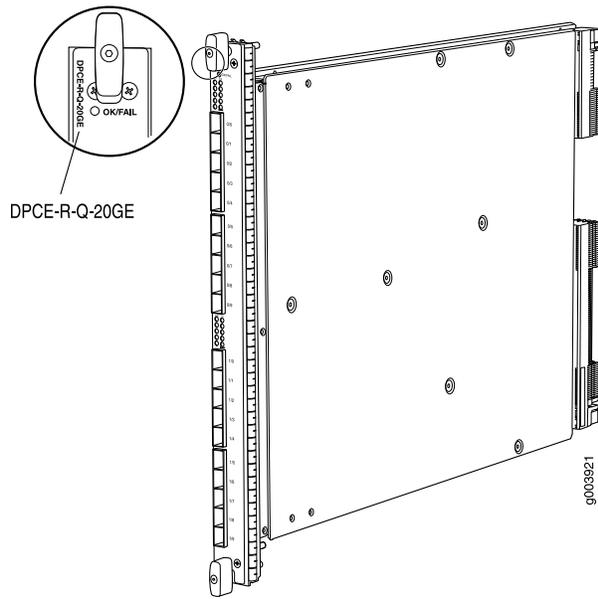
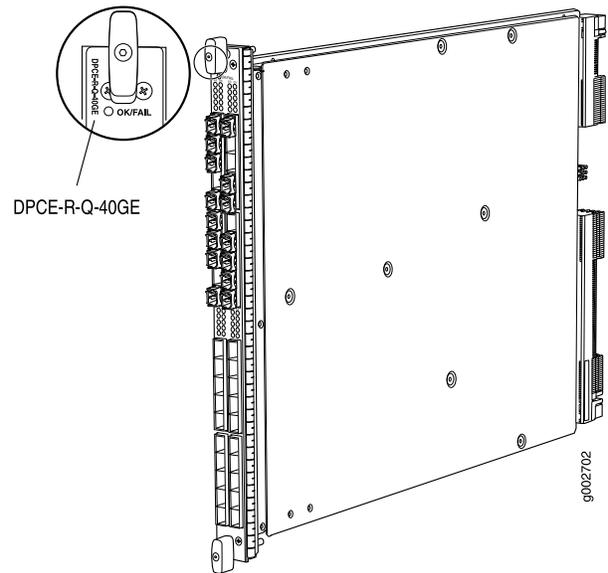


Figure 4: 40-Port Gigabit Ethernet Enhanced Queuing IP Services DPC with SFP



### Software release

- 20-port: Junos OS Release 9.1 and later
  - 40-port: Junos OS Release 8.5 and later
- End-of-life (see notification [PSN-2011-07-314](#))

### Description

#### 20-port:

- 20 Gigabit Ethernet ports
- Power requirement: 4.2 A @ 48 V (200 W)
- Weight: 13 lb (5.9 kg)
- Model number: DPCE-R-Q-20GE-SFP
- Name in the CLI: DPCE 20x 1GE R EQ

#### 40-port:

- 40 Gigabit Ethernet ports
- Power requirement: 7.6 A @ 48 V (365 W)
- Weight: 13.1 lb (5.9 kg)
- Model number: DPCE-R-Q-40GE-SFP
- Name in the CLI: DPCE 40x 1GE R EQ

### Hardware features

- 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"><li>• Optical diagnostics and related alarms</li><li>• See “<a href="#">Protocols and Applications Supported by Enhanced Queuing IP Services DPCs (DPCE-R-Q)</a>” on <a href="#">page 307</a> for information about the protocols and applications that this DPC supports.</li></ul>
Interfaces	<p>Syntax: <i>ge-fpc/pic/port</i> where:</p> <ul style="list-style-type: none"><li>• fpc: Slot in the router where the DPC is installed</li><li>• pic:<ul style="list-style-type: none"><li>• 20-port: 0 (left row of 10 ports), or 1 (right row of 10 ports)</li><li>• 40-port: 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)</li></ul></li><li>• port: 0 through 9</li></ul> <p>For example, <i>ge-1/1/0</i> is the interface for port 0 in the (top for 40-port) right row of 10 ports on a DPC installed in slot 1.</p>
Cables and connectors	<p><b>TIP:</b> You can use the <a href="#">Hardware Compatibility Tool</a> to find information about the pluggable transceivers supported on your Juniper Networks device.</p> <p>The list of supported transceivers for the MX Series is located at <a href="https://pathfinder.juniper.net/hct/category/#catKey=100001&amp;modelType;=All&amp;pf;=MX+Series">https://pathfinder.juniper.net/hct/category/#catKey=100001&amp;modelType;=All&amp;pf;=MX+Series</a>.</p> <p>You can install any transceiver supported by the DPC. For information about installing and removing transceivers, see the hardware guide for your router.</p> <p><b>NOTE:</b> Do not install Gigabit Ethernet SFPs in the SONET/SDH port. The port will not recognize the SFP.</p>