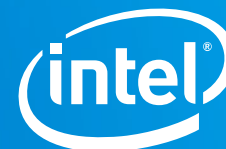
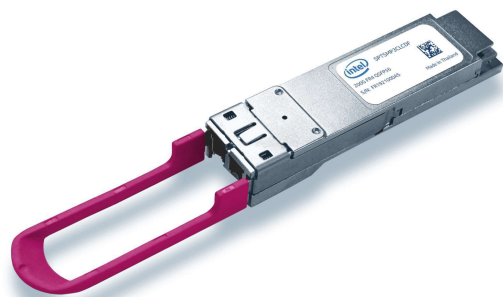


PRODUCT BRIEF

Intel® Silicon Photonics 200G FR4 QSFP56 Optical Transceiver



200G Single Mode Optical Data Center Connectivity



Bringing together the power of optics and the scalability of silicon for a high-speed, integrated optical connectivity solution

Description

The Intel® Silicon Photonics 200 Gbps QSFP56 FR4 Optical Transceiver is a small form-factor, high-speed, and low-power consumption product targeted for use in optical interconnects for data communications applications. The high-bandwidth module supports 200G Ethernet connection over single mode fiber links up to 2 km.

Applications

- 200GbE connectivity for large-scale cloud and enterprise data centers
- Ethernet switch, server, router, and client-side telecom optical interfaces

Features

- Compliant with 200G FR4 MSA optical interface specification
- Compact QSFP56 form factor for high faceplate density in networking equipment
- Compatibility with single-mode fiber connectors and cable infrastructure
- CWDM wavelength grid (1271, 1291, 1311, 1331) for uncooled operation
- Electrical interface compliant with IEEE 802.3bm GAUI-4 standard
- Power dissipation of 6.5 W maximum
- Operating temperature range: 15 to 70°C
- Supports Common Management Interface Specification CMIS rev 4.0 standard

Ordering Information

| Part Number | Description |
|--------------|---|
| SPTSMP3CLCDA | 200G FR4 QSFP56 Optical Transceiver, 2 km reach |



Contact us

For more information on this or other Intel® Silicon Photonics products visit us at www.intel.com/siliconphotonics