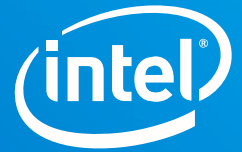


PRODUCT BRIEF

Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver



100G Single Mode Optical 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 100G LR4 10km Reach QSFP28 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 100GbE optical links over single-mode fiber for up to 10 km.

Applications

- Connectivity for large scale cloud and enterprise data centers
- Optical interfaces for Ethernet switch, router, and transport networking equipment

Features

- Compliant with IEEE 100GBASE-LR4 optical interface standard for applications up to 10 km
- Electrical interface compliant with IEEE 802.3bm CAUI-4 standard
- Compact QSFP28 form factor for high faceplate density in networking equipment
- Compatibility with single-mode fiber connectors and cable infrastructures
- Operating temperature range of 0 to 70°C
- Compliant with SFF-8636 management interface and control through I2C
- Class 1 laser

Ordering Information

Part Number	Description
SPTSBP4LLCDF	Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver With 10km Reach, Single Rate
SPTSQP4LLCDF	Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver With 10km Reach, Dual Rate



Contact us

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

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