

Quanta Optical Module



Overview

Quanta QSFP-SR4-40G compatible optical transceiver is a parallel 40Gbps Quad Small Form-factor Pluggable QSFP+ module for use in 40GBASE Ethernet network. 2Gb/s throughput up to 150 meters over OM4 or 100 meters over OM3 multi-mode fiber (MMF) using 850nm. • Multi-channel camera input (up to 12ch, 1GPixel/s) with various industrial camera designs • In-device Transformer and Multiple AI model acceleration • Gigabit Ethernet connectivity • SoM and WWAN connectivity options Powered by Ambarella's CVflow® AI SoCs (N1-655) • Multi-channel camera input (up. Quanta QSFP-LX4-40G Compatible 40GBASE-LX4 QSFP+ 1310nm 2km DOM Duplex LC/UPC SMF/MMF Optical Transceiver Module - FS. com Europe FS EuropeFREE SHIPPING on Orders Over EUR 79 VAT excl. Contact Us Germany / € EUR Sign in Sign up Search Recent Search Change FREE SHIPPING on Orders Over EUR 79 VAT. QSFP-40G-PLR4-QU 40GBASE-PLR4 QSFP transceiver with MPO/MTP connection according to MSA standards compatible with Quanta from the BlueOptics brand. This transceiver is compliant with IEEE 802.



Article Content

Integrated optical modules for quantum communication

As quantum communication moves from the lab to real life, optical integration will be key. Researchers are already preparing for the transition with the introduction of MICROOLED, QUANTA Computer, and STMicroelectronics Partner

The reference design, engineered and manufactured by Quanta and powered by the STM microcontroller STM32U5 series, will enable smart eyewear manufacturers to rapidly develop

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Download QCT products driver, manual, firmware and update. And products Portfolios, case study, white paper and CCLs.,QCT (Quanta Cloud Technology)

Quanta Computer

Quanta upholds the sustainable corporate vision of “Innovative Technology Benefit All Mankind”, we will lead the innovation of technological products and upgrades

Quanta Computer

DMS/OMS Camera • Driver and Occupancy Monitoring Camera • 1MP / 2MP Mono and 2MP / 5MP RGB-IR options • Narrow / Wide / Ultra-wide optical options • GMSL2 or FPD-link options

Quanta Compatible Fiber Optic Transceivers

Buy high quality Fiber Optic Transceivers (1G SFP, 10G SFP+, 10G XFP, 25G SFP28, 40G QSFP+, 100G QSFP28, 400G QSFP-DD) Compatible with Quanta from Qsf28Optics with worldwide

Quanta QSFP-LX4-40G Compatible 40Gbps QSFP

Built-in Digital Diagnostic Monitoring/Digital Optical Monitoring (DDM/DOM) support is present for real-time performance monitoring via 2-wire (TWI/I2C) interface.

Lumus Expands Partnership with Quanta to Scale Mass

Share this article Quanta's transition to dedicated automated manufacturing lines supports Lumus' next-generation optical engines and reinforces supply chain readiness at scale.

Advanced Quantum Physics

They deal with atom-light-interactions, Rydberg physics, quantum sensors, quantum gases in magnetical and optical traps, optical and microwave resonators, many-body quantum systems, and

Fiber Dust

Our Laser Machines can be used for Aesthetical, Cosmetical, Medical, Surgical and Artistic need. Learn more about our Fiber Dust® Laser!

Quanta QSFP-PIR4-40G Compatible 40Gbps QSFP

Quanta QSFP-PIR4-40G compatible optical transceiver is a parallel 40Gbps Quad Small Form-factor Pluggable QSFP+ module for use in 40GBASE Ethernet

Quanta Laser Fibres | Cook Medical

Quanta fibres, available in an assortment of different probe types and core diameters, are designed for effective energy transmission and safety during laser surgery. When you connect a fibre at the laser

Quanta QSFP-40G-PLR4-QU QSFP 40GBASE-PLR4 Singlemode

Make troubleshooting, maintenance and monitoring in your network easier with the Digital Diagnostics Monitoring (DDM) / Digital Optical Monitoring (DOM) interface integrated into the QSFP-40G-PLR4

Quanta QSFP-LX4-40G Compatible 40GBASE-LX4 QSFP+ 1310nm

The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 150m over OM3 multimode fibre (MMF) and 2km over single mode fibre (SMF) using a wavelength of 1310nm via

Quanta QSFP-PIR4-40G Compatible 40GBASE-PLRL4 QSFP

The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 2km over single mode fiber (SMF) using a wavelength of 1310nm via a MTP/MPO-12 connector. This transceiver is

Quanta System: Medical & Aesthetic Laser Machines

Quanta System is a 100% Italian company that offers on the global market innovative laser systems for Surgery, Aesthetics and Art Conservation since 1985.

Quanta Computer

Quanta started to invest in these technology ahead of its peers, including deployment of R& D resources and production in key optical modules for near eye display and the technology integration required

Quanta QSFP-SR4-40G Compatible 40GBASE-SR4 QSFP+ 850nm

With its easy installation and hot-swappable design, this transceiver is ideal for various applications, including campus, data centre, cloud deployments, high-performance computing environments, and

A fully packaged multi-channel cryogenic module for optical quantum ...

Realizing a quantum network will require long-lived quantum memories with optical interfaces incorporated into a scalable architecture. Color centers quantum emitters in diamond have

Lumus | Unlock mass manufacturing of high-performing

Quanta and Lumus have been partners since 2017. The leading Taiwanese ODM already has a mass manufacturing license for several products for which they

Scaling and networking a modular photonic quantum

Photonics offers a promising platform for quantum computing¹⁻⁴, owing to the availability of chip integration for mass-manufacturable modules,

Hardware-Efficient Bosonic Module for Entangling Superconducting ...

Hardware-efficient bosonic module.- Figure 1(a) sketches the optical fiber link for generating entanglement between super-conducting bosonic module in separate dilution refrigerator.

Lumus and Quanta Expand Partnership for AR Optics

July 16, 2025 - Lumus has announced an expansion of its partnership with Quanta Computer Inc., aimed at supporting scalable manufacturing of its reflective

Contact Us

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