

ASEAN 10 Countries Long-Distance Optical Transceiver QSFP28 Specifications and Models



Overview

In this guide, we provide a comprehensive, practical overview of 100G QSFP28 modules, covering their working principles, module types, key specifications, typical applications, and a step-by-step selection framework to help you make confident, informed decisions for your network. QSFP28 transceivers combine a compact form factor with high port density, supporting applications from short-reach data center interconnects to long-haul metro and telecom networks. However, with multiple module types—such as SR4, LR4, CWDM4, and ZR4 —each optimized for different distances, fiber. Among the various 100G modules available, the QSFP28 optical transceiver stands out as the preferred choice due to its compact size and low power consumption. In our previous post, we provided an in-depth analysis of the 100G LR4 transceiver. 3™ -2022 100GBASE-ZR standard, ensuring interoperability with other solutions. This form factor is currently the industry workhorse for high-speed Ethernet connectivity. However, choosing the wrong interface type. AscentOptics' 100G QSFP28 optical transceivers in the QSFP (Quad Small

Form-Factor Pluggable) form factor offer customers a wide variety of high-density and low-power 100 Gigabit Ethernet connectivity options for data centers, high-performance computing networks, enterprise core and distribution. Q28DSL0LQE010CGP QSFP28 LR4 1310nm 10km LC DUAL RATE 100GbE/OTU4 Single Mode EML+PIN The 100G QSFP28 LR4 optical transceiver transmits data over single mode fibre at a distance of up to 10km. The transceiver operates on 4 wavelengths and works in point-to-point scenario.

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Built around Coherent Steelerton DSP, the 100G ZR QSFP28-DCO transceiver is ...



Ascentopics provides a wide range of QSFP28 series products, including SR4 100m over multimode fiber, PSM4 for 500M transmission over single-mode fiber, and CWDM4, LR4, ER4, and ZR4, which ...



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For those currently sourcing components, you can view technical specifications and compatibility details on our 100gb qsf28 page. This resource helps you match the specific ...



Models, specifications, and compatibility QSFP28 optical transceiver modules provide a transmission rate of 100 Gbps.



Detailed information of Optical Transceiver, QSFP28 offered by APAC Opto Electronics Inc..



Built around Coherent Steelerton DSP, the 100G ZR QSFP28-DCO transceiver is fully compliant to the IEEE 802.3™ -2022 100GBASE-ZR standard, ensuring interoperability with other solutions.



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A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for data center and telecom networks.



NVIDIA® MMA1L10-CR is a 4-channel pluggable QSFP28 optical transceiver designed for 100 Gigabit Ethernet (GbE) links with up to 10 km reach on a single mode fiber.



In our previous post, we provided an in-depth analysis of the 100G LR4 transceiver. Now, we will introduce the QSFP28 100G LR4 optical transceiver module, covering its definition, working ...



Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver quick reference with specifications, features, and technologies.

Contact Us

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