

Intel 10 Gigabit Optical Module



Overview

Intellinet 10 Gigabit Fiber SFP + (LC) Single-Mode The Intellinet 10 Gigabit Fiber SFP Optical Transceiver Module intel 10gb fiber | Newegg.comSearch Newegg.

Key Takeaways

Intel 10G SFP+ optical modules, such as the E10GSFPSR, provide high-speed, reliable 10 Gigabit Ethernet connectivity for data centers and enterprise networks.Overview

Intel 10G SFP+ optical modules are designed to deliver 10 Gigabit Ethernet (10 GbE) and 1 Gigabit Ethernet (1 GbE) connectivity over fiber optic networks. The E10GSFPSR model supports short-range (SR) multi-mode fiber connections and is compatible with Intel Ethernet Converged Network Adapters, including the X520 series, ensuring seamless integration and reliable performance .

Key Features

- Data Rates: Supports both 10 GbE and 1 GbE for flexible deployment .
- Distance: Can extend Ethernet connections up to 300 meters over multi-mode fiber, suitable for connecting servers to Top of Rack (ToR) or End of Row (EoR) switches .
- Form Factor: Small Form-Factor Pluggable Enhanced (SFP+) design allows hot-pluggable installation in high-density environments .
- Signal Integrity: Uses VCSEL (Vertical-Cavity Surface-Emitting Laser) technology, providing immunity to electromagnetic interference (EMI) and radio frequency interference (RFI), .

- **Power and Size:** Compact and lightweight, consuming less power than copper alternatives, with a tighter bend radius and longer reach .
- **Security and Reliability:** Fiber optics are resistant to electrical interference and network tapping, enhancing secure data transmission .
- **Diagnostics:** Built-in digital diagnostic functions allow for real-time monitoring of temperature, voltage, and optical power for easier troubleshooting .
- **Compliance:** RoHS-6 compliant, ensuring environmentally safe construction .

Use Cases

- **Data Centers:** Connecting servers to switches in high-density racks.
- **Enterprise Networks:** Extending Ethernet connections over longer distances than copper cabling allows.
- **Virtualization and SAN/LAN Networking:** Provides scalable, high-speed connections for virtualized environments .
- **Harsh Environments:** Fiber optics provide stable performance in areas with electrical noise or interference .

Compatibility and Installation

- Only Intel-certified SFP+ modules are guaranteed to work with Intel Ethernet adapters like the X520 series .
- When connecting two Intel SFP+ devices back-to-back, ensure matching speed and duplex settings to avoid performance issues .
- Hot-pluggable design allows for easy installation and replacement without powering down devices . Intel 10G SFP+ optical modules, particularly the E10GSFPSR, are factory new, genuine Intel products, ensuring compatibility, reliability, and long-term performance for enterprise and data center networking applications .

Article Content

Intellinet 10 Gigabit Fiber SFP + (LC) Multi-Mode

The Intellinet 10 Gigabit Fiber SFP Optical Transceiver Module (model 507462) is fully hot

10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Small Size For High-Density Fiber Connections Compatibility Hot-Pluggable Digital Diagnostics Monitoring The Intellinet Network Solutions 10 Gigabit Fiber SFP+ Optical Transceiver Module (model 507479) is fully hot-pluggable, and that allows you to install the module without rebooting your network switch for uninterrupted network traffic. See more on intellinetsolutions Category: Repeaters & Transceivers Images of Intel 10 Gigabit Optical Module Gigabit Optical Module Intel Optical Transceiver 800G Optical Module 400G Optical Module 800G Optical Transceiver Module 10Gbase Lr X2 Module Intel 10Gb Network Card Intel R Ethernet Controller X710 For 10G Eb Gen Sfp+ Intel Sfp Intellinet 10 GbE Fiber SFP+ Optical Transceiver Module (508766 .. tellinet 10 GbE Fiber SFP+ Optical Transceiver Module (508759 .. ed Intellinet 10 Gigabit Fibre SFP+ Optical Transceiver Module ... Genuine Intel Optics Intel E10GSFPSR Optical Transceiver Module GBIC 10G SFP+ SR New Intel FTLX1471D3BCV-IT 10 Gigabit Single-mode Fiber Refurbished Fiber Optic Transceiver Module at Ellie Ridley blog SFP+ 10 GB Short Range Multi-Mode 300m Intel AFBR-709DMZ-IN3 Optical Module Intellinet Gigabit Fiber SFP Optical Transceiver Module (508735 ... SFP+ 10 GB Short Range Multi-Mode 300m Intel FTLX8574D3BCV-IT Optical ... 10 Gigabit Optical Module SFP-10G-SR G10M300 3-Year Warranty Compatible ... LC Intel Ethernet SFP+ SR Optic MODULE 10GB 1 x 10Gbase-SR at ₹ 15000 ... Genuine Intel Optics 10 Gigabit Optical Module SFP-10G-SR G10M300 3-Year Warranty Compatible ... See all images Shop Intel 10 Gigabit Optical Module 4.4 AFBR-703SDZ-IN2 Intel 10Gbps 10Gbase-SR Multi-Mode Fiber 300m 850Nm DuM Memory 4 Less \$69.771 of 84.4 AFBR-703SDZ-IN2 Intel 10Gbps 10Gbase-SR Multi-Mode Fiber 300m 850Nm DuM Memory 4 Less \$69.774.5 UACC-OM-SM-1G-S-2 10G Bi Directional Single Mode Optical Module, 1Gbps AAzteck Computers \$41.222 of 84.5 UACC-OM-SM-1G-S-2 10G Bi Directional Single Mode Optical Module, 1Gbps AAzteck Computers \$41.22 Intel RBAF131010KT1I | Active Fo 1310Nm Opt 10 Gigabit Module GGotoDirect \$1,900.57 Free shipping Free shipping 3 of 8 Intel RBAF131010KT1I | Active Fo 1310Nm Opt 10 Gigabit Module GGotoDirect \$1,900.57 Free shipping Free shipping X520-SR1 | Intel | Single Port 10Gbps LC Fiber Optic PCI-Express 2.0 X8 Gigabit Ethernet Converged Network Adapter SServerblink Merchant \$934 of 8 X520-SR1 | Intel | Single Port 10Gbps LC Fiber Optic PCI-Express 2.0 X8 Gigabit Ethernet Converged Network Adapter SServerblink Merchant \$93 Intel Ftlx8574d3bcv-It 10Gb Sfp+ 850Nm Sr Optical Transceiver Modules One Piece EeBay \$105 of 8 Intel Ftlx8574d3bcv-It 10Gb Sfp+ 850Nm Sr Optical Transceiver Modules One Piece EeBay \$10 E10G41BFSR | Intel | X520-SR1 Single Port 10Gbps LC Fiber Optic PCI-Express 2.0 X8 Gigabit Ethernet Converged Network Adapter SServerblink Merchant \$74.386 of 8 E10G41BFSR | Intel | X520-SR1 Single Port 10Gbps LC Fiber Optic PCI-Express 2.0 X8 Gigabit Ethernet Converged Network Adapter SServerblink Merchant \$74.38 Intel TXN22120 | 1Gb/S 1000Base-LX Single-Mode Fiber 10km 1310Nm Duplex LC Connector SFP Transceiver Module GGotoDirect \$211.55 Free shipping Free shipping 7 of 8 Intel TXN22120 | 1Gb/S 1000Base-LX Single-Mode Fiber 10km 1310Nm Duplex LC Connector SFP Transceiver Module GGotoDirect \$211.55 Free shipping Free shipping 5 Intel AFBR-709DMZ-IN2 10GBASE-SR And 1000BASE-SX SFP+ Optical Transceiver Module EeBay \$8.95 Free shipping Free shipping 8 of 85 Intel AFBR-709DMZ-IN2 10GBASE-SR And 1000BASE-SX SFP+ Optical Transceiver Module EeBay \$8.95 Free shipping Free shipping See all Sponsored

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Intel Ethernet SFP+ SR Optics

The dual-rate Intel SFP+ module is compatible with 10 gigabit Ethernet (10 GbE) and gigabit Ethernet (1 GbE) data link protocols for

10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Intellinet Network Solutions 10GBase-LR Fiber SFP+ Optical Transceiver Module,

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10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Whether you need a fast connection to your 10 GbE equipped server or NAS device, or if you simply want to

Intel® Ethernet SFP+ SR Optics and LR Optics

For instance, customers can remove the optical modules that come installed on the adapter and replace them with an Intel® Ethernet

Add four 10 Gigabit fiber Ethernet ports to your server or workstation ...

Quad Port 10G SFP+ Network Card - Intel XL710 Open SFP+ Converged Adapter - PCIe 10 Gigabit Ethernet Server NIC - 10GbE

Intel SFP+ Module

Buy Intel SFP+ Module - For Data Networking, Optical Network 1 x 10GBase-SR Network - Optical Fiber Multi-mode - 10 Gigabit

SFP+ Modules and Cables Compatible with Intel® Ethernet Converged...

SFP+ optical module, SFP module, and direct attach cable requirements for the Intel® Ethernet Converged Network

Intel Ethernet SFP+ SR Optics

Scale up your Ethernet connections using this Intel® Ethernet SFP+ SR Optics module. Crafted in an

E10GSFPSR

These optical modules support both short range and long range distances with 10 Gigabit Intel Ethernet

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

