

Warranty for 400G Optical Core Router



AI Overview

Enterprise-grade 400G optical routers typically come with hardware warranties ranging from one year to limited lifetime coverage, with options for extended support and replacement services. Standard Hardware Warranty For most enterprise networking vendors, the hardware warranty covers defects in materials and workmanship under normal use. For example, Juniper Networks provides a one-year hardware warranty from the product shipment date, with the option for repair or replacement of defective units. Replacement hardware may be new or refurbished, and delivery is generally within 20 business days, depending on location (Juniper Networks). Cisco offers similar hardware warranties, often with a 5-year return-for-repair (RFR) option, and provides tools to verify the specific warranty for a product ID. Limited Lifetime Warranty Some vendors, such as H3C, offer limited lifetime warranties for certain enterprise products, including high-end switches and WLAN APs. This warranty typically covers the original customer for the life of the product, with a maximum of 5 years in some regions. During this period, H3C provides business-hour remote support and ships replacement parts within 10 business days after RMA confirmation. Accessories like hot-swappable fans, power supplies, and optical modules usually have a 12-month warranty. Optical Transceivers and Modules For 400G optical modules, vendors like Carritech Optics provide a lifetime warranty on transceivers, ensuring replacement in case of defects. This coverage is particularly relevant for hyperscale data centers and telecom operators relying on high-capacity, low-latency connectivity. Software and Media Software embedded in the hardware is generally covered for a shorter period. For instance, Juniper warrants the media containing software for 90 days from shipment, with replacement as the sole remedy. Cisco and other vendors may include software support under separate service contracts. Optional Extended Services Many vendors offer extended service c...

Article Content

PSE 100G/400G pluggable coherent optics

They avoid the density penalties typical of short-reach client “grey” optics. Our pluggable coherent optical modules support a variety of data rates, including

The 400GE inflection point

Rapid advances in silicon are fueling a new generation of pluggable coherent 400G router optics that open exciting new avenues for rethinking IP-optical network designs. This white paper takes a closer

BRKOPT-2556

400G QDD Digital Coherent Optics Portfolio ER1 Point to Point Point to Point Intra-data center, campus interconnect, core-to-edge router

Cisco 400G QSFP-DD High-Power (Bright) Optical

Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module's small size and low power make it an optimal choice for a wide range of

JCO400 Coherent Optical Transceivers

As a core component of the Juniper Converged Optical Routing Architecture (CORA), this innovative series is essential to the transformation strategies of

Arista 400G Transceivers and Cables: Q&A

Arista supports a full range of 400G optical transceivers, Active Optical Cables (AOCs) and Direct Attach Copper cables (DACs) in both OSFP and QSFP-DD form factors.

Embrace 400G With the Cloud-Optimized Juniper PTX

Let's explore 400G, why you should consider migrating to it, how Juniper Networks PTX Series routers can help with this, and compare the available models.

Unleash the power of 400G everywhere

Pluggable DCOs improve IP-optical integration by enabling routers to connect to the optical transport network directly. Their power efficiency, small size and low cost bring new 400G

Advancing Router-Based Optics: 400G to 800G Innovation

Discover the latest advances in router-based optics, from 400G to 800G modules. Explore Acacia's innovations in coherent tech and IP-over

Cisco Nexus 9300-GX Series Switches Data Sheet

The Cisco Nexus 9300 platform switches have a 1-year limited hardware warranty. The warranty includes hardware replacement with a 10-day turnaround from receipt of a Return Materials

BRKOPT-2699

High-Speed Interconnects: Backend network requires high speed 100G/200G or 800G optics to connect servers and network switches. These high bandwidth connections are essential for handling the data

Advancing Router-Based Optics: 400G to 800G Innovation

These 800G router-based optics provide the capability to double Colt's packet core capacity per link while reducing power per bit by 33.3%.

Cisco 400G QSFP-DD High-Power (Bright) Optical Module Data Sheet

Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module's small size and low power make it an optimal choice for a wide range of DCI/Cloud, metro access/aggregation,

Colt Takes Network Innovation to New Heights with a

LONDON, UK, May 27, 2021 – Colt Technology Services, a leading provider of high bandwidth and on-demand connectivity, announced today that it is transforming

Optical Distribution Frame (ODF) in Telecom: Types & Uses

Enter the Optical Distribution Frame (ODF)—a foundational component that serves as the “nerve center” for fiber optic management, enabling seamless connectivity, efficient maintenance,

Primer: A Guide to 400G Optical Networks

Insights Primer: A Guide to 400G Optical Networks Ask the community Infobrief
Primer: A Guide to 400G Optical Networks This guide covers all you need to

400G Optics

All Juniper qualified 400G optics are compliant with key industry standards and specifications for seamless interoperability in multivendor environments.

The 400GE inflection point

The operational convergence on unified 400G IP-optical fabric is a departure from the traditional separation of administrative powers between IP routing and optical transport, but it may help

What Factors Influence 400G Optical Transceiver Price□

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and sustainability.

Impact of 400G ZR on IP/optical network architectures

Mobile and multi-access aggregation, IP edge and core Design-optimized routers with 400G connectivity 7250 IXR-X3

Co-Packaged Optics: Architecture, Status, and the Path

Co-Packaged Optics (CPO) addresses this by relocating the optical conversion function — the point at which electrical signals become photons —

400G Optical Transceivers in Long-Distance & High

Explore the diverse range of 400G transceivers addressing the growing bandwidth demands of long-distance transmission. Discover flexible

What are 400G edge routers?

400Gbit/s edge routers enable dense aggregation for broadband and business traffic, deliver low-latency 5G backhaul and support multi-homed connectivity to

The Future of Networking: 400GbE Ethernet Explained

Network Backbones: As internet traffic continues to increase exponentially year after year; service providers must adopt these new

Cisco Nexus 9300-GX Series Switches Data Sheet

These switches are designed to support 100G and 400G fabrics for mobile service provider environments, including the network edge, 5G, IoT,

400G DR4 to 4×100G Breakout Planning Guide | Vitex

Whether you're architecting a hyperscale data center core or a broadcast distribution network, the 400G DR4 to 4×100G breakout pattern has

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