

## Warranty for AI Server OSFP



### AI Overview

Warranty coverage for AI servers using OSFP modules typically includes hardware defects, limited support, and replacement services, but exact terms depend on the server OEM and OSFP module vendor.

**AI Server Warranty Overview**

AI servers such as the Lenovo ThinkSystem SR675 V3 or SR675i V3, which support multiple GPUs and OSFP-based networking, generally come with manufacturer warranties covering hardware defects for a specified period, often 1 to 3 years, with options to extend. These warranties typically include:

- Replacement or repair of defective components, including CPUs, memory, and GPUs.
- Support for networking modules, including OSFP transceivers, if purchased through the OEM or certified partners.
- On-site or depot service, depending on the service level agreement (SLA).

Extended warranties or premium support plans may cover faster response times, 24/7 technical support, and proactive monitoring for high-density AI clusters.

**OSFP Module Considerations**

OSFP (Octal Small Form Factor Pluggable) modules, including IHS (Integrated Heat Sink) and RHS (Riding Heat Sink) variants, are critical for AI networking and thermal management.

Warranty coverage for OSFP modules usually includes:

- Defects in materials or workmanship.
- Replacement under RMA (Return Merchandise Authorization) if the module fails within the warranty period.
- Compatibility support with certified switches and servers, ensuring modules fit and operate correctly in AI GPU clusters.

Note that OSFP modules purchased separately from third-party vendors may have different warranty terms, often ranging from 1 to 5 years, depending on the manufacturer.

**Best Practices**

- Verify OEM warranty:** Check the server vendor's warranty documentation for coverage of OSFP modules and GPU components.
- Consider extended support:** For AI clusters running 24/7, extended warranties or premium support plans can reduce downtime.
- Use certified modules:** Ensure OSFP modules are compliant with the OSFP MSA to maintain interoperability...

## Article Content

NVIDIA MQM9700-NS2R Quantum-2 NDR 400Gb InfiniBand Switch 64-Port OSFP ...

64-Port NDR • 32 OSFP • Managed • AI / HPC / GPU Clusters. 32 OSFP physical ports. Connectors 32 OSFP. NVIDIA MQM9700-NS2R Quantum-2 NDR 400Gb InfiniBand Switch.

OSFP vs QSFP-DD: Choosing the Right 800G Optical Transceiver for AI ...

In this upgrade path, the form factor of the optical module becomes a key design decision. OSFP and QSFP-DD are two widely used form factors for 800G optical transceivers. Both can

OSFP 224G Copper Cable Assemblies Flyer

TE Connectivity's (TE) OSFP (Octal Small Form Factor Pluggable) copper cable assemblies further advance connectivity for high-speed data centers, enabling cutting-edge 1.6T bandwidth applications.

Arista QDD-400G-DR4 Compatible 400GBASE-DR4

N9200-64DC, 64x 400G QSFP-DD, Broadcom Tomahawk 4, Enterprise SONiC by NADDOD, High-Performance, Low-Latency, AI Fabric-Supported AI Data Center

920-9N42F-00RI-KC0 NVIDIA Spectrum-4 800GbE MGX Ethernet

The 920-9N42F-00RI-KC0 is an NVIDIA Spectrum-4 based 800GbE Open Ethernet switch designed for high-performance AI, MGX, cloud, storage and enterprise data centre fabrics. This specialist 2U

NVIDIA Optical Transceivers: QSFP-DD/OSFP 800G Solutions

Complete guide to NVIDIA optical transceivers covering QSFP-DD and OSFP form factors for 800G networks. Learn about compatibility, deployment best practices, and selection

Overview | MMA4Z00-NS 800Gb/s Twin-port OSFP, 2x400Gb/s

The Twin port OSFP uses two, 4-channel MPO-12/APC optical connectors with two 4-channel fiber cables. These can link to a single port 400G OSFP or QSFP112 transceivers used in

Understanding the OSFP Standard: The Open 400G/800G Optical

OSFP modules achieve full interoperability through alignment with multiple industry standards and open MSAs: By adhering to these standards, LINK-PP OSFP transceivers guarantee

OSFP AI Networking: Architecting GPU Clusters for Distributed Training

The training program will explain to you the networking infrastructure requirements for AI training, the OSFP technology which supports large-scale fabric development, the network designs

NVIDIA HGX B300 SXM AI, Deep Learning GPU Server for Data

BIZON X9000 – 8-way NVLink AI Deep Learning Server with NVIDIA HGX B300 GPU for Data Centers. AMD EPYC, Intel Xeon. Optimized for NVIDIA DIGITS, TensorFlow, Keras, PyTorch

Why 1.6T Optical Transceivers Overtake 800G in 2026 AI Clusters?

For a 2025 finance client deploying 12 GB200 NVL72 racks, WECENT configured custom server setups with NVIDIA-compatible 1.6T OSFP 2DR4 transceivers (MMS4A00-Broadcom chip), achieving 18x

Mellanox Quantum-X800 Q3400-RA (920-9B36F-00RX

The NVIDIA Quantum-X800 Q3400-RA (920-9B36F-00RX-8S0) 4U InfiniBand XDR switch, the first to leverage 200Gb/s-per-lane serializer/deserializer (SerDes)

NVIDIA/Mellanox MMS4A00-XM/MMS4C10-XM (980-9IAH1

The NADDOD OSFP-1.6T-2xDR4H 1.6T transceiver is specifically designed for connectivity between NVIDIA Quantum-X800 air-cooled switches, forming the optical foundation of InfiniBand XDR AI and

MMA4Z00-NS400 NVIDIA Compatible 400GBASE-SR4 OSFP Flat

Product Support This product is 100% compatible with all NVIDIA products that support 400G OSFP transceivers including ConnectX-7. Rigorous production testing ensures the best out-of-the-box

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified, lifetime warranty. Find your module today.

NADDOD NVIDIA/Mellanox MMS4C11 (980-9IAU1-00XM01)

NADDOD OSFP-1.6T-2xDR4 optical transceiver is purpose-built for next-generation AI and high-speed Ethernet data center interconnect. This 1.6T transceiver features a 1.6Tb/s dual-port OSFP224

Comprehensive Performance Testing of AOC Series for Data Center ...

The company provides a three-year warranty with extended repair services, backed by professional technical support and maintained buffer inventory to expedite fulfillment and minimize downtime for

Lenovo ThinkSystem SR675 V3 and SR675i V3 Servers

The ThinkSystem SR675i V3 is a specific configuration of the SR675 V3 that is designed for AI inferencing workloads. This product guide provides essential pre-sales information to

Airport AI Server OSFP

The Open Standard Form Factor (OSFP) has become a critical enabler for next-generation AI servers, offering superior bandwidth, scalability, and thermal performance. The guide presents an entire

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent

Prominent feature Cisco 800G ZR/ZR+ coherent optics modules deliver high performance and low power in QSFP-DD and OSFP form factors.

Welcome to OSFPmsa

A: No, due to mechanical and electrical differences, OSFP modules are not compatible with OSFP-XD ports, and vice-versa. Mechanical keying features on the modules prevents insertion into the wrong

NVIDIA/Mellanox Compatible 800G SR8 OSFP PAM4

NVIDIA/Mellanox Compatible 800GBASE-SR8 OSFP Finned Top PAM4 850nm 100m MTP/MPO-16 APC MMF Optical Transceiver Module NVIDIA/Mellanox

Lenovo ThinkSystem SR675 V3 and SR675i V3 Servers

The server delivers optimal performance for Artificial Intelligence (AI), High Performance Computing (HPC) and graphical workloads across an array of industries.

NVIDIA Quantum-X800 XDR Switches for HPE QuickSpecs

Key Features – Highest Scale for AI: NVIDIA Quantum-X800 switches enable 2X faster speeds and 5X higher scalability for AI compute fabrics. A two-tier Quantum-X800 fat-tree topology

Complete Guide to OSFP Transceiver: 400G/800G/1.6T

Master OSFP transceiver technology with our comprehensive guide. Covers 400G/800G/1.6T speeds, OSFP vs QSFP-DD comparison, thermal management, and AI

Lenovo NVIDIA GB300 NVL72 Rack Scale AI

Support for industry standard management protocols, IPMI 2.0, Redfish REST API, serial console via IPMI The NVIDIA GB300 NVL72 is enabled with Lenovo HPC & AI Software Stack, so, you can

Server Direct Attach Cables Market : Global Industry Analysis and ...

Explore the global Server Direct Attach Cables market with expert analysis on growth drivers, trends, key insights, and forecast outlook to 2036.

## Contact Us

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