

# LENOVO FLEX SYSTEM SI4091 10 Gb SYSTEM INTERCONNECT MODULE

Simplify connectivity and interoperability challenges with a low-cost preconfigured interconnect module



## SIMPLE MANAGEMENT

The Lenovo® Flex System™ SI4091 10 Gb System Interconnect Module enables a simplified integration of Flex System into your existing networking infrastructure. The loop-free default configuration of the SI4091 requires no management for most data center environments, eliminating the need to configure each device or individual ports and thus reducing the number of management points. The SI4091 offers administrators a simplified deployment experience while maintaining the performance of interchassis connectivity.

## EASY CONNECTIVITY

The SI4091 is a low-touch, easy-to-deploy device that provides a transparent network interface connecting the upstream networking infrastructure to the Flex System chassis compute nodes. In addition, the SI4091 provides a clear division of roles and responsibilities between network and system administrators.

## REDUCE COST

With the SI4091, clients can realize savings up to 69 percent<sup>1</sup> in cabling and upstream switching costs and significant power reduction costs over the architecture associated with a traditional pass-thru device. This also increases return on investment by reducing the qualification cycle and increasing the speed of deployment.

## SPECIFICATIONS

### BASE MODULE:

- 14 x 10 Gb internal and 10 x 10 Gb external uplinks

### PERFORMANCE

- 100% line rate performance
- 480 Gbps non-blocking throughput (full duplex)
- 360 Mpps

### POWER CONSUMPTION

Typical power consumption of 50 W

### WARRANTY

1-year limited warranty or takes on the warranty of the chassis (next-business-day replacement with phone support and software upgrades)

### ENVIRONMENTAL SPECIFICATIONS

#### HEAT DISSIPATION

Typical - 171 BTU/hour

#### MEAN TIME BETWEEN FAILURES (MTBF)\*

261,636 hours @ 40° C

For further details on the Flex System S14091 associated options, software features and technical details, refer to product publications [SI4091 Product Guide](#)

<sup>1</sup> Based on full chassis, redundant connectivity and list price of SI4091, EN4091, SFP+ SR transceivers on the module and the upstream switch plus average cost per port of a Cisco Nexus 5548. Minimum of 2 per SI4091 and upstream Cisco, plus 28 on EN4091 and upstream Cisco.

\* MTBF is calculated using the Telcordia Technologies Reliability Prediction Procedure for Electronic Equipment, (SR-332 issue 2) Parts Count (method 1 case 1) failure rate data.

## WHY LENOVO

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

## FOR MORE INFORMATION

To learn more about Flex System SI4091 System Interconnect Module, contact your Lenovo representative or Business Partner or visit [lenovo.com/servers](http://lenovo.com/servers)

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