Lenovo Flex System EN2092 1 Gb Ethernet Scalable Switch

Scalable Ethernet switch

The Lenovo Flex System EN2092 1 Gb Ethernet Scalable switch provides outstanding flexibility allowing you to buy one today and enhance its functionality in the future. The scalable architecture allows you to support 2-port or 4-port 1 Gb adapters with a only a pair of EN2092s. Designed with top performance in mind, the EN2092 provides high availability with outstanding quality and switch failover capability.

Flexibility, Scalability

The EN2092 helps clients reduce I/O costs today while providing investment protection for the future with unmatched flexibility and scalability. The flexible port-mapping1 feature offers the ability to dynamically assign ports based on need. In addition, the EN2092 supports the Feature on Demand (FoD) capability which allows clients to scale Ethernet ports as required by simply purchasing software upgrade licenses to turn on additional 1 Gb or 10 Gb Ethernet ports.

Optimized, Automated

Many organizations are looking for high performance and aware-ness of virtual machines (VMs) at the network level. Using innovative VMready® virtualization-aware networking technology, you can simplify virtualization management. VMready automati-cally discovers virtual machines and allows unique networking parameters to be configured for each virtual machine. VMready works with all major hypervisors.

Why Lenovo

Lenovo is a $46 billion global Fortune 500 company and a leader in providing innovative consumer, commercial, and enterprise technology. Lenovo enterprise systems deliver industry-leading performance, reliability, and security in virtualized and cloud envi-ronments for analytics, database, virtual desktop, infrastructure, and web workloads. Lenovo also offers simplified and extensible systems management tools so you can manage your infrastruc-ture on your own terms. Consistently ranked #1 in reliability and customer satisfaction, the Lenovo enterprise server, storage, and networking portfolio provides the hardware for businesses that never stand still.
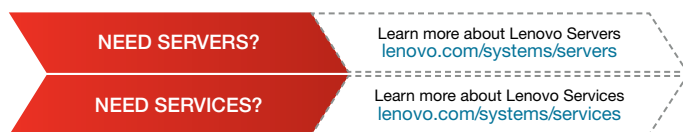
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Specifications

Performance	100% line rate performance, 1.8 microseconds latency 176 Gbps non-blocking switching throughput (full duplex)
Interfaces	Flexible port mapping provides users the ability to assign ports based on their needs. Each 1 Gb internal and RJ45 external port counts as a single 1 Gb port license. It is possible to exchange any combination of 1 Gb internal and/or 1 Gb external port licenses into a single external 10 Gb SFP+ port license. The external 10 Gb SFP+ port license can also be broken out into 10 1 Gb port licenses. 10 Gb ports can only be used as external ports. The EN2092 supports upgrades in any order.
Base Module (PN 49Y4294)	• 14 x 1 Gb internal ports, plus 10 x 1 Gb RJ45 external ports • With flexible port mapping, clients have 24 port licenses that can be applied to the internal and external ports.
Upgrade 1 License (PN 90Y3562) - Requires Base Module	• Enables additional 14 x 1 Gb internal and 10 x 1 Gb RJ45 external uplinks • With flexible port mapping, client enables an additional 24 port licenses (total of 48 with the base) that can be applied to the internal and external ports.
Upgrade 2 License (PN 49Y4298) - Requires Base Module	• Enables additional 4 x 10 Gb SFP+ external uplinks • With flexible port mapping, client enables an additional 40 port licenses (total of 64 with the base) that can be applied to the internal and external ports.

When leveraging Base License + Upgrade 1 + Upgrade 2: clients have a total of 28 internal 1 Gb ports, 20 external 1 Gb SFP+ and 4 x 10 Gb SFP+ ports).

Power Consumption	Typical power consumption of 40 - 52 W
Warranty	Takes on the warranty of the chassis (next business day replacement with phone support and software upgrades)
Heat Dissipation	177.4 BTU/hour (typical)
Mean Time Between Failures (MTBF)	381,936 hours @ 40° C

For more product details and associated options refer to the EN2092 Product Guide http://lenovopress.com/tips0861

For More Information

To learn more about the Lenovo Flex System EN2092 1 Gb Ethernet Scalable switch, contact your Lenovo Business Partner or visit **lenovo.com**/systems/servers

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