

Flex System EN6131 40GbE Switch and EN6132 40GbE Adapter

Lenovo™



As transaction volumes rise, your existing compute and storage clustering interconnects may have trouble keeping up. Yet you know that response time matters—you have to keep up with the competition and new regulations demand real-time risk analysis. You need to be able to scale your network and storage capabilities to meet the demands of your applications.

Meet Demands

The Lenovo Flex System EN6131 40 Gigabit Ethernet (GbE) Switch in conjunction with the Flex System EN6132 40 GbE Adapter is designed to offer the performance you need to support clustered databases, parallel processing, transactional services and high-performance embedded I/O applications, reducing task completion time and lowering cost per operation. This switch offers 14 40 Gb internal ports and up to 18 external QSFP 40 Gb ports that enables a non-blocking network design. It supports all Layer 2 functions so servers can communicate within the chassis without going to a top-of-rack switch. This feature helps improve performance and latency.

More Workloads

Clients are also looking for higher utilization of their existing hardware by leveraging virtualization and cloud computing models. As workload density per server increases, it needs to be balanced by appropriate I/O throughput. The 40 Gb solution offered by Flex System can deploy more workloads per server without running into I/O bottlenecks. In case of failures or server maintenance, clients can also move their virtual machines much faster using 40 Gb interconnects within the chassis.

Efficient Computing

This switch and adapter are designed for low latency, high bandwidth, and computing efficiency for performance-driven server and storage clustering applications. With this combination, your organization can achieve efficient computing by offloading from the CPU protocol processing and data movement overhead such as RDMA and Send/Receive semantics allowing more processor power for the application.

As clients look for higher performance, power usage has emerged as a key concern in data centers. The Flex System 40 Gb solution offers the highest bandwidth without adding any significant power overhead.

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 environments for analytics, database, virtual desktop, infrastructure, and web workloads. Lenovo also offers simplified and extensible systems management tools so you can manage your infrastructure 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.

For More Information

To learn more about the Flex System EN6131 40 Gb Ethernet Switch and Flex System EN6132 40 Gb Ethernet Adapter, contact your Lenovo Business Partner or visit: lenovo.com/systems/servers



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