

ThinkSystem NE0152TO RackSwitch

ONIE management or SMB switch



Open Networking

Network connectivity is rapidly moving to software defined virtual and layered architectures. To take advantage of the added flexibility, automation and analytics needs to be tied more closely to the network OS. Lenovo embraces the change by offering switches designed to work with third-party operating systems, providing customers more hardware choice while supporting an OS that is best suited for their business.

The ThinkSystem NE0152TO RackSwitch is typically used as an out-of-band data center management switch or in an SMB network. Its open networking design supports a seamless OS implementation for consistent operations, even at 1GbE speeds.

Cumulus Linux and NetQ, the industry leader in stand-alone third-party switch operating systems, is supported and available as an option to the Lenovo ONIE switches. Watch for additional OS options in the near future.

Better Together

The NE0152TO RackSwitch is part of the Lenovo ThinkSystem server, storage, and networking family of data center products, solutions and support.

It is designed for data centers with high performance, low latency and non-blocking line-rate switching. It has low power consumption and better cooling efficiency with variable speed fans. Hot-swap redundant components provide reliability for business-critical applications.

Lenovo sales and award-winning service is coordinated with the OS provider, working together to deliver upfront planning and long-term world-class product support to keep your data center running smoothly, regardless of the operating system.

Low TCO

The NE0152TO RackSwitch is a fully featured data center-class switch for management and 1GbE SMB applications. It offers the following features that enhance the value of the switch:

- Hardware only pricing that aligns with the branded white (brite) box switch marketplace
- A 3-year next-business-day warranty
- Low power consumption that reduces operating expenses.

Lenovo

Specifications

Port Configurations	48x 1GbE fixed ports (RJ45) and 4x 10GbE SFP+ ports
Performance	100% line-rate performance, up to 176Gbps switching throughput, as low as 3.3 μs port-to-port switching latency, up to 130 Million packets per second (64-byte packets)
Cooling	Rear-to-front cooling with three variable-speed hot-swap fan assemblies that provide N+1 cooling redundancy
Power	Dual load-sharing, redundant hot-swap internal 150W power supplies, 80 PLUS GOLD certification, average 70.9W / max 76.4W consumption
Management Software Supported	Cumulus Linux NetQ available
Hardware Warranty	3-year customer replaceable unit with next-business-day shipment
Warranty Upgrades and Services	Optional warranty service upgrades are available through Lenovo: 9x5 coverage with next-business-day onsite response, 24x7 coverage with 2-hour or 4-hour onsite response, 6-hour or 24-hour committed repair (select countries), 1-year or 2-year post-warranty extensions, Premier support, and Basic installation services.

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$45 billion Fortune 500 company and a global technology leader in driving Intelligent Transformation. Lenovo’s data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power that are changing business and society.

For More Information

To learn more about the ThinkSystem NE0152TO RackSwitch, contact your Lenovo representative or Business Partner, or visit lenovo.com/networking. For detailed specifications, read the NE0152TO RackSwitch [product guide](#).

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