

ThinkSystem NE0152T RackSwitch

High-performance 1G CNOS management switch



Better Together

The Lenovo ThinkSystem NE0152T RackSwitch is part of the Lenovo Top of Rack (ToR) ThinkSystem CNOS RackSwitch family, tested and validated with Lenovo reference architectures to provide the best integration and support possible for Lenovo servers, storage, and networking in the data center.

RackSwitch ToR switches interoperate seamlessly with other vendors' hardware and management and work with Lenovo XClarity Administrator for single-pane-of-glass server, storage, and network management.

Data Center Optimized Management Networking

The NE0152T is optimized for enterprise data center out-of-band management. Implementing an out-of-band management network creates a separate path for critical server and switch management communications. Reliability is increased by providing a simple Layer 2 pathway that is not affected by the day-to-day provisioning on data switches. Having this dedicated network access to CLI ports reduces local human intervention which can delay issue resolution.

The NE0152T offers these essential features:

- A consistent user experience with other CNOS data-level switches to simplify operations and support.
- VMware vRealize Log Insight collects logs and events to determine root cause and produce reports across multiple devices and vendors with the included CNOS plugin.
- Open architecture, which is important to support flexible automation and control while integrating with industry standard applications and APIs. An ONIE version for Cumulus is also available (expected in first quarter 2019).
- Support for Ansible, Puppet, and Chef for easy incorporation into existing automation and devops.

Low TCO

The NE0152T RackSwitch is a fully featured data-center-class switch for 1GBASE-T management and 1GbE data network applications. It offers the following features that enhance the value of the switch:

- The purchase price includes all software features, management plugins, and Lenovo XClarity Administrator.
- Switches come with a 3-year warranty and include unrestricted software updates.
- Lower power consumption reduces operating expenses.

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Specifications

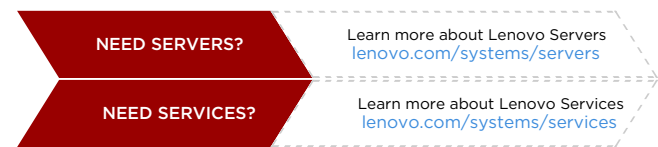
Interface Configurations	48x 1GBASE-T (RJ45) + 4x 10Gb SFP+ Ethernet Ports
Virtualization	VLAG, SDN Ready, L2/L3, ROCE / DCB / CEE
Cooling	Front-to-rear or rear-to-front cooling, three variable-speed hot-swap fan assemblies that provide N+1 cooling redundancy
Power	Dual load-sharing hot-swap internal power modules, 80 PLUS GOLD certification
Management Software Supported	Lenovo XClarity available now VMware vRealize, OpenStack, Ganglia Management System, Splunk, Dorado, and Solarwinds with ongoing additions are planned*
Automation Software Supported*	Ansible, Chef, Puppet are planned
API features	Python, REST, SNMP
Limited Warranty	3-year customer replaceable unit with next-business-day shipment and software warranty

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 NE0152T RackSwitch, contact your Lenovo representative or Business Partner, or visit lenovo.com/networking. For detailed specifications, read the NE0152T RackSwitch [product guide](#).



* Available soon. Check product documentation for the latest updates.

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