Lenovo RackSwitch G8264

Performance, Simplicity

The feature-rich Lenovo RackSwitch G8264 includes 48 x SFP+ 10 Gigabit Ethernet (GbE) ports plus 4 x QSFP+ 40 GbE ports in a flexible 1U switch. The SFP+ ports support SFP 1 GbE if needed, while the four QSFP+ ports can add up to16 additional SFP+ ports via breakout cables. Redundant power supplies and cooling fans come standard, adding to the reliability and efficiency. In addition the G8264 supports stacking for up to eight switches for simplified switch management using a single IP management address.

Cloud Perfect

The G8264 supports several value-added features for modern cloud deployments including unified fabric port (UFP) to help improve performance and availability when using virtual network interface connections. UFP allows a single SFP+ 10 GbE port to be carved into as many as four virtual ports with the throughput speed of each port controlled by the Networking Operating System (NOS). The G8264 features OpenFlow support to help easily create software defined virtual networks (SDN) and enables a remote controller to modify the behavior of network devices through a well-defined “forwarding instruction set.”

Ethernet Efficiency

Take advantage of the economics and performance of lossless Ethernet, which can eliminate packet drops for significantly improved performance, reliability and predictability. The G8264 can help your data center evolve to a higher level, helping you consolidate network and storage networks into a single fabric. You can achieve lower costs, simplify management and attain higher performance with better bandwidth utilization—and the flexibility you need to meet tomorrow’s needs. Converged enhanced Ethernet can help deliver value for your iSCSI, NAS and FCoE enterprise storage environments.

Why Lenovo

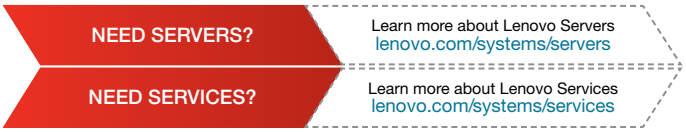
Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive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

Specifications

Performance	100% line rate performance 880 nanoseconds latency 1.28 Tbps non-blocking switching throughput (full duplex) 960 Mpps
Interface Options	48 × 1 Gb/10 Gb SFP+ ports, 4 × 40 Gb QSFP+ ports Up to 64 × 10 Gb SFP+ connections with optional breakout cables
Dimensions	17.3” wide, 19.0” deep, 1U high
Weight	9.98 kg (22 lb)
Cooling	Front-to-rear or rear-to-front cooling, redundant hot swappable field-replaceable fans with variable speed to reduce power draw
Power	Dual load-sharing hot-swap internal power modules, 50 - 60 Hz, 100 - 240 V ac auto-switching per module typical power consumption of 275 W
Warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available
Associated Options	For details on the G8264 transceivers, cables and other associated options, refer to the Lenovo RackSwitch G8264 Product Guide

For More Information

To learn more about the Lenovo RackSwitch G8264, contact your Lenovo Business Partner or visit:
lenovo.com/systems/networking



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