Lenovo RackSwitch G8264CS

Harness the power of convergence with industry-leading flexibility and performance

Convergence

Built with top performance and convergence in mind, the Lenovo RackSwitch G8264CS is ideal for today's big data, cloud and optimized workloads looking to exploit the advantages of Fibre Channel over Ethernet (FCoE) today or in the future. Omni Ports give clients the flexibility to choose 10 Gigabit Ethernet (GbE) or 8 Gb FC for upstream connections and convenient access to FC storage. The G8264CS helps consolidate storage, networking, data, and management on a simple-to-manage single fabric which reduces costs associated with acquisition, energy, cooling, management and maintenance.

Building Clusters

For Flex System environments, the G8264CS can help simplify I/O connectivity and management with Flex System Interconnect Fabric (using SI4093 modules). A simple Ethernet fabric is designed to connect up to nine Flex System chassis' with the G8264CS as the master/slave Layer 2 device and single point of management.

The G8264CS supports VMready® technology, an innovative, standards-based solution to manage virtual machines (VMs) in small to large-scale data center and cloud environments.

Performance, Availability

The G8264CS is an enterprise-class and full-featured data center switch that delivers line-rate, high-bandwidth switching, filtering, and traffic queuing without delaying data. It includes 36 x SFP+ 10 GbE ports, 12 Omni Ports for 10 GbE/8 Gb FC 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 to 16 additional SFP+ ports via breakout cables. Redundant hot-swap power and fans along with numerous high availability features equip the switch for business-sensitive traffic.

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Specifications

Performance	100% line rate performance Low latency 1.28 Tbps non-blocking switching throughput (full duplex)
Interface Options	36 × 1 Gb/10 Gb SFP+ ports 4 × 40 Gb QSFP+ ports, up to 16 × 10 GbE SFP+ connections with optional breakout cables 12 Omni Ports, Each Omni Port can support 10 Gb SFP+ cables and transceivers and/or 8 Gb Fibre Channel transceivers
Dimensions	17.3 inches wide, 19.0 inches deep, 1U high
Weight	10.35 kg (22.1 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 Typical power consumption of 330 W
Warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available
Associated Options	For details on the G8264CS transceivers, cables and other associated options, refer to the Lenovo RackSwitch G8264CS Product Guide

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.

For More Information

To learn more about the Lenovo RackSwitch G8264CS, contact your Lenovo Business Partner or visit:
lenovo.com/systems/networking

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