Lenovo RackSwitch G8332

High-performance, high-density Cloud-ready 40 Gigabit Ethernet switch

Performance, Value

The Lenovo RackSwitch G8332 is built with top performance with 32 QSFP+ ports, ultra-low latency and 2.56 Tbps throughput. This enterprise-class, full-featured L2 and L3 data center switch delivers line-rate, high-bandwidth switching, filtering, and traffic queuing without delaying data. Large data center-grade buffers keep traffic moving. The G8332 makes for an ideal solution for applications such as high performance computing, financial applications, Hosting Environments, and Cloud Designs in Enterprise, Web 2.0 and virtualized data centers.

Cloud Perfect

The G8332 is design for Cloud with support for OpenFlow which helps easily create software defined virtual networks (SDN) and enables a remote controller to modify the behavior of network devices. Redundant power and fans along with numerous high availability features equip the switch for business-sensitive traffic, while converged enhanced Ethernet can help deliver value for iSCSI, NAS and FCoE storage environments.

Edge or Core

The high-density G8332 Ethernet aggregation switch enables clients to own an end-to-end flat 2-Tier network based on industry standards using Lenovo switches and servers. The G8332 is an ideal spine/aggregation switch to use when connecting a number of switches such as the Lenovo RackSwitch or embedded Ethernet offerings for Flex System with a 40 GbE uplink port at the access layer. The G8332 also provides clients a feature-rich design with key features such as Converged Enhance Ethernet (CEE)/Data Center Bridging (DCB), and enterprise-class Layer 2 and Layer 3 functionalities at an attractive price point.

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Specifications

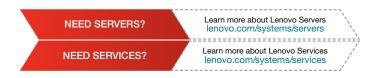|	
Performance	100% line rate performance Sub 600 nanoseconds latency 2.56 Tbps non-blocking switching throughput (full duplex) 1440 Mpps
Interface Options	32 x 40 Gb QSFP+ ports Up to 96 × 10 Gb SFP+ connections with optional breakout cables, plus 8 x 40 Gb QSFP+ ports remaining
Virtualization	VXLAN*, VMready® support
OpenFlow	Yes
Dimensions	17.3 inches wide, 19.8 inches deep, 1U high
Weight	12 kg (26.45 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 270 W
Warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available
Associated Options	For details on the G8332 transceivers, cables and other associated options, refer to the Lenovo RackSwitch G8332 Product Guide

* Future support planned through new software release

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 G8332, contact your Lenovo Business Partner or visit:
lenovo.com/systems/networking

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