LENOVO RACKSWITCH G8052

Purpose-built for the data centre

▶ PERFORMANCE, VALUE, AVAILABILITY

The Lenovo® RackSwitch G8052 features 48 x RJ-45 1 Gigabit Ethernet (GbE) ports plus 4 x small form-factor pluggable (SFP+) 10 GbE ports in a flexible 1U switch. All ports come standard and the SFP+ ports can also support SFP 1 GbE if needed, Designed with top performance in mind, the G8052 provides line-rate, high-bandwidth switching, filtering and traffic queuing without delaying data and large data centre (DC)-grade buffers to keep traffic moving. Redundant hot-swap power and fans, along with numerous high-availability (HA) features, mean that the G8052 is always available for business-sensitive traffic.

▶ CLOUD PERFECT

The RackSwitch G8052 is virtualised – supporting VMready technology, an innovative, standards-based solution to manage virtual machines (VMs) in small to large-scale DC and cloud environments. VMready works with all leading-edge VM providers. The G8052 also features OpenFlow support to help easily create software defined virtual networks (SDN) and enables a remote controller to modify the behaviour of network devices through a well-defined 'forwarding instruction set.'

▶ COOL, EASY

The RackSwitch G8052 is cool – implementing a choice of directional cooling to maximise DC layout and provisioning. Its superb airflow design complements the hot-aisle and cold-aisle DC cooling model.

The RackSwitch G8052 is easy – with server-oriented provisioning via point-and-click management interfaces, along with the optional Switch Centre software package for updating large groups of switches. The G8052 supports stacking for up to eight switches for simplified switch management using a single IP management address.[1]

SPECIFICATIONS

PERFORMANCE	176 Gigabits per second (Gbps) switching throughput (full duplex) Latency of 1.8 microseconds (μs)
HARDWARE FEATURES	
INTERFACE OPTIONS	48 × 1 GbE (48 RJ-45), 4 × 10 GbE SFP+
DIMENSIONS	17.3 inches wide, 17.5 inches deep, 1U high
WEIGHT	5.45 kg (11.99 lb)
AIRFLOW	Front-to-rear or rear-to-front cooling. Redundant hot swappable field-replaceable fans with variable speed to reduce power draw.
POWER	Redundant load-sharing hot-swap power modules, 50 - 60 Hertz (Hz), 100 - 240 V ac auto switching per module Typical power consumption of 130 W
WARRANTY	3-year, next business day replacement, phone support and software upgrades Service upgrades and extensions available

Associated Options, Software features and Technical Details: For further information on the G8052's technical details, associated options and software feature list, please refer to the Lenovo RackSwitch G8052 Product Guide.
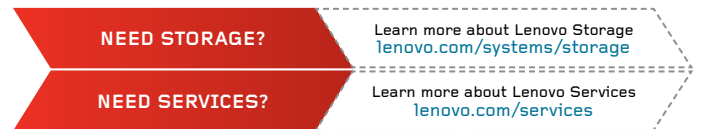
[1] Starting with Lenovo Networking OS release 8.X and above

WHY LENOVO

Lenovo is one of the leading providers of x86 systems for the DC. 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 G8052, contact your Lenovo representative or Business Partner (BP) or visit **lenovo.com/servers**

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