

# ThinkSystem DB710S FC SAN Switch

Entry-level Gen 7 Storage  
Networking for Premium  
Performance, Operational  
Simplicity, and Enhanced  
Security



## Overview

Achieve an autonomous SAN that maximizes your server and storage investment performance with the Lenovo ThinkSystem DB710S. This Gen 7 storage switch offers the lowest entry cost, delivering 64G performance with 50% lower latency than previous models. Built for high-demand workloads in flash and NVMe environments, the DB710S integrates Brocade® Gen 7 technology for simplified and flexible management. It includes an enterprise-grade software bundle that enables an autonomous SAN capable of self-learning, self-optimizing, and self-healing, reducing the effort needed to manage your data center. With VM Insight, users can monitor performance down to individual VMs, while industry-leading SAN security, reliability, and lifetime warranty provide peace of mind.

## Why Fibre Channel?

- **Visibility:** Identify congestion points and mitigate problems fast.
- **Security:** Mitigate potential security risks and protect your data across the network.
- **Reliability:** Keep your data available no matter what, with “uptime all the time”.
- **Performance:** Best network for high-speed, lossless, low-latency storage traffic.
- **Scalability:** Dynamically add more components and scale without compromise.

## Flexible and Scalable

The DB710S is a cost-effective, compact 1U switch with up to 24 Fibre Channel (FC) ports featuring Gen 7 FC technology. Designed for flexibility, it supports “pay-as-you-grow” scalability with Ports on Demand (PoD), allowing you to expand from 8 to 24 ports as needed. Each port can support 32G or 64G SFP+ transceivers, ensuring performance scalability and backward compatibility with 8G and 16G devices. This switch offers strong investment protection, allowing organizations to start small, grow quickly, and meet increasing demands with the latest technology.

## Enhanced Security for Mission-Critical Workloads

Brocade Gen 7 technology secures your network, supports nonstop operations, and enhances management automation. The DB710S’s Fibre Channel fabrics are designed for security with controlled access between servers and storage, ensuring data isolation within the data center. Gen 7 adds an extra layer of protection, safeguarding against malware and hijacking by validating the switch’s operating system, security configurations, and hardware integrity.

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## Specifications

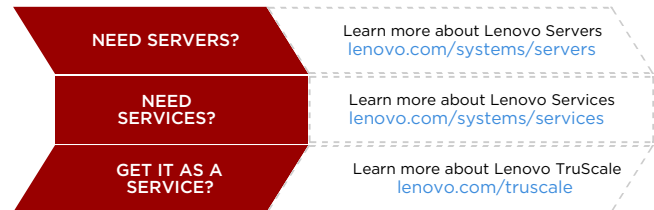
<b>Models (R airflow)</b>	<ul style="list-style-type: none"> <li>32G: 8 active ports with 32Gbps SWL FC transceivers (32G, 16G, or 8G)</li> <li>64G: 8 active ports with 64Gbps SWL FC transceivers (64G, 32G, or 16G)</li> </ul>
<b>Port on Demand (PoD) - Max 2 (Total 24 ports)</b>	<ul style="list-style-type: none"> <li>8-port SW License with 8 x 32Gbps SWL FC transceivers</li> <li>8-port SW License with 8 x 64Gbps SWL FC transceivers</li> </ul>
<b>Aggregate Bandwidth</b>	1.536Tbps switching bandwidth end-to-end full duplex
<b>Maximum Fabric Latency</b>	As low as 460 nanoseconds through the use of cut-through frame switching at 64Gbps (including FEC)
<b>Media Types</b> (Brocade transceivers required)	<ul style="list-style-type: none"> <li>64Gbps: hot-pluggable SFP+, LC connector; 64Gbps SWL, LWL 10km</li> <li>32Gbps: hot-pluggable SFP+, LC connector; 32Gbps SWL, LWL 10km, ELWL 25km</li> <li>Fibre Channel distance is subject to fiber-optic cable and port speed</li> </ul>
<b>Rack-mount Rail Kits</b>	Fixed rail kit is included standard Mid-mount rack kit or Slide rack mount kits are optional
<b>Included Software</b>	Enterprise Software: Trunking, Fabric Vision, Extended Fabric and Integrated Routing
<b>Dimensions / Weight</b>	Height: 4.29cm (1.69in.); Width: 42.88cm (16.88in.); Depth: 30.66cm (12.07in.) Weight: 4.8kg (10.6lbs) fully loaded
<b>Power and Cooling</b>	Base switch includes a single, fixed power supply with four integrated system cooling fans
<b>Warranty</b>	Comes standard with Limited Lifetime Warranty

## About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$62 billion revenue global technology powerhouse, ranked #171 in the Fortune Global 500, employing 77,000 people around the world, and serving millions of customers every day in 180 markets. Focused on a bold vision to deliver smarter technology for all, Lenovo is expanding into new growth areas of infrastructure, mobile, solutions and services. This transformation is building a more inclusive, trustworthy, and sustainable digital society for everyone, everywhere.

## For More Information

To learn more about Lenovo ThinkSystem DB710S Fibre Channel SAN Switch, contact your Lenovo representative or Business Partner, or visit [lenovo.com/systems/servers](https://lenovo.com/systems/servers), then select Storage, Storage Area Network and then Fibre Channel Switches. For detailed specifications, consult the [Lenovo ThinkSystem DB710S Product Guide](#).



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