

# HPE Storage Fibre Channel Switch B-series SN3700B

HPE Storage 64Gb 24/8 8-port 64Gb Short Wave SFP56 Switch B-series SN3700B (S5A95A)



## What's new

- Features switch offerings with 64 Gb or 32 Gb optics as well as Port-on-Demand upgrade kits bundled with 64 Gb or 32 Gb optics, enabling scaling from 8 to 24 ports.
- Gen7 64 Gb fibre channel switch technology enables organizations to realize a self-learning, self-optimizing, and self-healing autonomous SAN.
- Gen7 64 Gb fibre channel switch technology combines analytics and advanced automation capabilities to accelerate data access, adapt to evolving requirements, and drive 24x7 operations.

## Overview

In today's data-driven world, where both the value and protection of data are paramount, IT organizations face increasing pressure to ensure their systems are secure, reliable, and efficient. The challenge lies not only in securing continuous, non-stop access to data but also in optimizing critical applications and resources to improve productivity. To address these demands, a simple and always-on infrastructure is essential—one that supports high throughput and low-latency requirements for critical applications. HPE Storage Fibre Channel Switch B-series SN3700B is key to helping organizations meet these challenges. By integrating this robust, high-performance network into their storage ecosystem, small and mid-sized businesses can effectively handle large volumes of data with minimal overhead. This enables faster decision making, improved operational efficiency, and a competitive edge, all without the complexity or cost typically associated with large enterprise-level solutions.

## Features

### Increase Performance for Application and Solid State Storage Architectures

The HPE Storage Fibre Channel Switch B-series SN3700B delivers increased performance through a combination of improved throughput and low latency across 64 Gb links in hyper-scale virtualization, small to medium sized cloud infrastructures, and growing flash-based storage environments.

Improved performance of NVMe storage with 40% lower switching latency than 32 Gb. Latency for locally switched ports is 460ns including forward error correction (FEC) [1]

With twenty-four 64 Gb ports it can scale up to 24 device ports for an aggregate throughput of 1.536 Tbps. [2]

## Technical specifications

### HPE Storage 64Gb 24/8 8-port 64Gb Short Wave SFP56 Switch B-series SN3700B

<b>Product Number</b>	S5A95A
<b>Port speed</b>	64 Gb
<b>Aggregate switch bandwidth</b>	1.536 Tbps, maximum
<b>Encryption capability</b>	No
<b>Protocol supported</b>	Fibre Channel
<b>Management software</b>	Both offerings include the software features traditionally associated with the Power Pack+ Software Bundle: Fabric Vision, ISL Trunking, and Extended Fabric
<b>Availability features</b>	Hot code load ports on-demand with no downtime one fixed power supply with four integrated system cooling fans
<b>Form factor</b>	1U
<b>Model availability</b>	8-port Active Switch
<b>Upgradability</b>	Activate additional ports using 8 port SFP POD Kit upgrades, available with 32 Gb or 64 Gb SFPs
<b>Media types</b>	Supports 64 Gb and 32 Gb transceivers, includes 8 64 Gb transceivers
<b>Ports</b>	24 maximum
<b>Software (optional)</b>	SANnav

[1] : Comparing Brocade G610 at 760ns to the G710 at 460ns based on Brocade documentation ([brocade.com/products/fibre-channel-networking/switches](https://brocade.com/products/fibre-channel-networking/switches))

[2] : (<https://docs.broadcom.com/doc/G710-Switch-PB>)



[For additional technical information, available models and options, please reference the QuickSpecs](#)

### HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

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Experts can help you map out your path to hybrid cloud and optimize your operations.

#### Managed services

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Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.


### HPE GreenLake


HPE GreenLake edge-to-cloud platform is HPE’s market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

[Explore HPE GreenLake](#)

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Image may differ from the actual product [PSN1014877248CZEN](#), February, 2025.