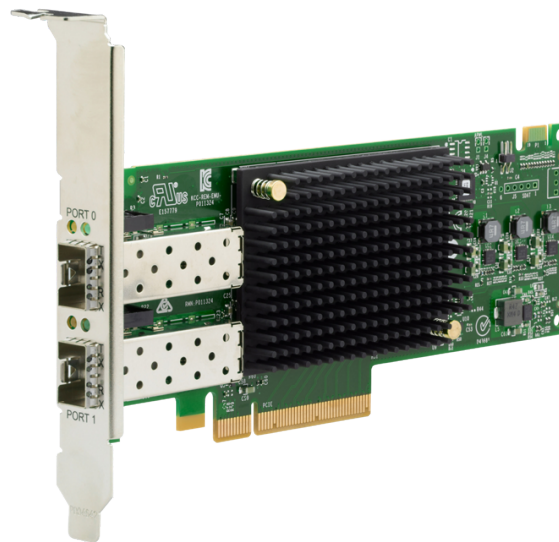


# HPE SN1610E 32Gb Fibre Channel Host Bus Adapter

HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter (R2J63A)



## Overview

Are you looking for next-generation Fibre Channel (FC) adapter for the Modern Data Center?

The HPE SN1610E 32Gb FC Host Bus Adapters (HBA) are designed for demanding mission-critical workloads and emerging applications. Applications continue to grow in size and scale. To support them, enterprises are increasingly turning to new server technologies that contain hundreds of processor cores, as well as high-performance storage solutions, including low-latency Non-volatile Memory Express (NVMe), and all-flash arrays (AFAs). NVMe can significantly increase the performance of storage area networks (SANs), making the selection of high-speed networking technology the critical element for achieving maximum system-wide performance.

Compared to the previous generation, the HPE SN1610E FC HBAs offers

higher bandwidth, better latency, enhanced security, and operational efficiency for 32 Gigabit Fiber Channel (GFC). It provides seamless backward compatibility to 16 GFC and 8 GFC networks.

## Features

### Accelerate Workload Performance for NVMe Data Centers

The HPE SN1610E 32Gb Fibre Channel Host Bus Adapter offers higher bandwidth, better latency, enhanced security, and operational efficiency for 32 GFC storage area networks.

It speeds up applications and AFAs, as well as handles peak workload I/O spikes better than the previous generation adapters.

It offers PCIe 4.0 support and provides better interconnect performance bandwidth when compared to PCIe 3.0.

### Easily Deploy, Manage, and Upgrade SANs

The HPE SN1610E 32Gb FC HBA saves time with no server reboots for firmware updates, queue depth changes, and optics replacements.

It provides industry-leading HBA reliability through which one can meet the service level agreements on time.

It enable full end-to-end implementation of Brocade Fabric Vision from the HBA to the switch.

### Fully Protect Data

The HPE SN1610E 32Gb FC HBA can thwart malicious firmware with a Silicon Root of Trust and digitally signed firmware.

The secure boot offers UEFI boot code security with digitally signed boot code.

The SN1610E can protect the data from corruption using the data integrity field (T10 DIF).



**Technical specifications****HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter**

<b>Product Number</b>	R2J63A
<b>Platform supported</b>	HPE Apollo and HPE ProLiant platforms;refer to the server QuickSpecs for more information.
<b>Data rate</b>	32Gb Fibre Channel
<b>Bus type</b>	PCIe 4.0
<b>Form factor</b>	2U
<b>Power</b>	Single Port: 10W Max with SFP Dual Port: 11W Max with SFP
<b>Server type supported</b>	HPE Apollo and HPE ProLiant platforms refer to the server QuickSpecs for more information.
<b>Compatible operating systems</b>	Red Hat®, Linux® SUSE Linux, VMware®, Microsoft, Windows visit <a href="http://www.hpe.com/storage/spock">www.hpe.com/storage/spock</a> for the latest available information on operating system support.
<b>Product dimensions (metric)</b>	Single Port: 167.64 mm x 68.91 mm Dual Port: 167.64 mm x 111.15 mm
<b>Weight</b>	Single Port : 0.145 kg Dual Port: 0.125 kg
<b>Warranty</b>	Three-year limited warranty, parts exchange, and next business day delivery for more warranty information refer to <a href="http://www.hpe.com/storage/warranty">http://www.hpe.com/storage/warranty</a>
<b>Connector type</b>	SFP+
<b>Supported cables</b>	OM3 and OM4 cables



[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.

#### Consulting services

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

#### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

#### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

#### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

#### HPE Education Services

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

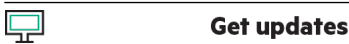
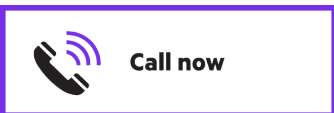
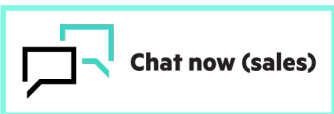
HPE GreenLake edge-to-cloud platform is HPE’s market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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

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**Make the right purchase decision. Contact our presales specialists.**

[Call for availability](#)



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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product [PSN1012212154BEEN](#), October, 2024.