

HPE SN1610E 32GB 2-PORT FIBRE CHANNEL HOST BUS ADAPTER (R2J63A)

Host Adapters



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

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



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

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- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

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

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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
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