

HPE SMART ARRAY E208I- A SR GEN10 (8 INTERNAL LANES/NO CACHE) 12G SAS MODULAR LH CONTROLLER (869079- B21)

Smart Array Controllers and Smart Host Bus Adapters



OVERVIEW

Are you looking for a cost effective, enterprise-class controller for internal attached drives without occupying a PCIe expansion slot? The HPE Smart Array E208i-a SR Gen10

Controller, supporting 12 Gb/s SAS and PCIe 3.0, provides a cost-effective storage solution with enterprise-class reliability supporting RAID 0, 1, 5, and 10 and software-defined storage (SDS). This controller has eight internal SAS lanes, allowing connection to SAS or SATA drives, supports Mixed Mode operations of RAID and HBA simultaneously, and offers encryption for data-at rest on any drive. This type-a modular controller occupies a dedicated storage slot without occupying a PCIe expansion slot.

FEATURES

Cost-Effective SAS Storage Connectivity

The HPE Smart Array E208i-a SR Gen10 Controller is a cost effective enterprise-class controller that provides the basic building blocks for simple RAID storage solutions while delivering 12 Gb/s SAS connectivity on HPE ProLiant Gen10 Servers when connected to 12 Gb/s internal storage devices.

Offers a low-cost solution to enable software-defined storage.

Built-in Reliability and Security

The HPE Smart Array E208i-a SR Gen10 Controller protects data-at-rest on any drive attached to the controller with HPE Smart Array SR Secure Encryption (optional license).

Comply with regulations for sensitive data, such as HIPAA and Sarbanes-Oxley with HPE Smart Array SR Secure Encryption.

Preserve data integrity with HPE SmartSSD Wear Gauge, which alerts you to potential drive issues before a drive fails.

Improved Efficiency and Storage Management

The HPE Smart Array E208i-a SR Gen10 Controller has increased flexibility with Mixed Mode which operates in RAID and HBA simultaneously and eliminates the expense of having to purchase another controller.

Rapidly configure simple RAID volumes on servers with the UEFI storage configuration tool, which also facilitates scripting support to configure an array via iLO through RESTful interface.

Quickly set up, configure, and manage drives attached to the controller with HPE Smart Storage Administrator (SSA), an intuitive interface used to create RAID volumes, manage advanced controller features, and deploy Smart Array solutions.



Technical specifications**HPE Smart Array E208i-a SR Gen10 (8 Internal Lanes/No Cache) 12G SAS Modular LH Controller**

Product Number (SKU)	869079-B21
Transfer rate	12Gb/s SAS per lane 6Gb/s SATA per lane PCI Express 3.0 x8 lane width
Form factor	Type-a modular controller
Ports	Internal: 8 SAS lanes across 2 x4 Mini-SAS ports
Cache	No cache
RAID levels	0, 1, 5, 10
Servers supported	HPE ProLiant DL360 Gen10 HPE ProLiant DL560 Gen10
Additional features	HPE Smart Array SR Secure Encryption (optional license)
Warranty	The warranty for this device is 3-years parts only.



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- **[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.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[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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