

HPE SMART ARRAY E208I-C SR GEN10 (8 INTERNAL LANES/NO CACHE) 12G SAS MODULAR CONTROLLER (823852-B21)

Smart Array Controllers and Smart Host Bus Adapters



OVERVIEW

Does your business need a cost efficient enterprise-class controller to access data on your HPE Synergy Gen10 compute modules?

The HPE Smart Array E208i-c 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.

FEATURES

Cost-effective SAS Storage Connectivity

The HPE Smart Array E208i-c SR Gen10 Controller is a cost-effective, enterprise-class controller that provides the basic building blocks for simple RAID storage solutions and delivers 12 Gb/s SAS connectivity on HPE Synergy Gen10 compute modules 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-c SR Gen10 Controller protects data-at-rest on any drive attached to the controller with HPE Smart Array SR Secure Encryption (optional license).

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

Preserves 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-c SR Gen10 Controller has increased flexibility with Mixed Mode which operates in RAID and HBA simultaneously.

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



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

Product Number (SKU)	823852-B21
Transfer rate	12Gb/s SAS per lane 6Gb/s SATA per lane PCI Express 3.0 x8 lane width
Form factor	Type-c modular controller
Ports	Internal: 8 SAS lanes
Cache	No cache
RAID levels	0, 1, 5, 10
Servers supported	HPE Synergy 480 Gen10 Compute Modules HPE Synergy 660 Gen10 Compute Modules
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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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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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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