

# **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**

<b>Product Number</b>	823852-B21
<b>Transfer rate</b>	12Gb/s SAS per lane 6Gb/s SATA per lane PCI Express 3.0 x8 lane width
<b>Form factor</b>	Type-c modular controller
<b>Ports</b>	Internal: 8 SAS lanes
<b>Cache</b>	No cache
<b>RAID levels</b>	0, 1, 5, 10
<b>Servers supported</b>	HPE Synergy 480 Gen10 Compute Modules HPE Synergy 660 Gen10 Compute Modules
<b>Additional features</b>	HPE Smart Array SR Secure Encryption (optional license)
<b>Warranty</b>	The warranty for this device is 3-years parts only.



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

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**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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