

HPE SMART ARRAY E208I-P SR GEN10 (8 INTERNAL LANES/NO CACHE) 12G SAS PCIE PLUG-IN CONTROLLER (804394-B21)

Smart Array Controllers and Smart Host Bus Adapters



OVERVIEW

Are you looking for a cost effective, enterprise-class controller for internal attached drives? The HPE Smart Array E208i-p 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 controller occupies a PCIe expansion slot.

FEATURES

Cost-Effective SAS Storage Connectivity

The HPE Smart Array E208i-p 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-p 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-p 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-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller**

Product Number	804394-B21
Transfer rate	12Gb/s SAS per lane 6Gb/s SATA per lane PCI Express 3.0 x8 lane width
Form factor	Standard PCIe plug-in 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 DL380 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.



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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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.

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