



HPE SMART ARRAY E208E-P SR GEN10 (8 EXTERNAL LANES/NO CACHE) 12G SAS PCIE PLUG-IN CONTROLLER (804398-B21)

**Smart Array Controllers and Smart Host
Bus Adapters**



OVERVIEW

Are you looking for a cost effective, enterprise-class controller to connect to externally attached drives? The HPE Smart Array E208e-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 external SAS lanes, allowing connection to SAS or SATA drives in an external disk enclosure, 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 E208e-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 external storage devices.

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

Connects to external just a bunch of disks (JBODs) and advanced external storage arrays.

Built-in reliability and security

The HPE Smart Array E208e-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 E208e-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 E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller**

Product Number	804398-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	External: 8 SAS lanes across 2 x4 Mini-SAS HD ports
Cache	No cache
RAID levels	0, 1, 5, 10
Servers supported	HPE ProLiant DL360 Gen10 HPE ProLiant DL380 Gen10 HPE ProLiant DL560 Gen10 HPE ProLiant DL580 Gen10 HPE ProLiant ML110 Gen10 HPE ProLiant ML350 Gen10 HPE ProLiant XL170r Gen10 HPE ProLiant XL190r Gen10 HPE ProLiant XL230K Gen10
Additional features	HPE Smart Array SR Secure Encryption (optional license)
Supported disk enclosure	HPE D3610 Disk Enclosure HPE D3710 Disk Enclosure HPE D6020 Disk Enclosure HPE MSA 1040 SAN Storage HPE MSA 1050 SAN Storage HPE MSA 2040 SAN Storage HPE MSA 2050 SAN Storage
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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- IT Training and personal development

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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. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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

HPE GREENLAKE

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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
[PSN1010026919VNNEN](#), June, 2022.