HPE Smart Array E208e-p Controller

HPE Smart Array E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller (804398-B21)

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.

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

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- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

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Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options
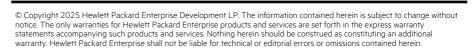
Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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