



HPE SMART ARRAY P408I-C CONTROLLER

Smart Array Controllers and Smart Host Bus Adapters



OVERVIEW

Does your business need a controller to give you increased performance when connecting to internal drives on the HPE Synergy 660 Gen10 Compute Module?

The HPE Smart Array P408i-c SR Gen10 Controller, supporting 12 Gb/s SAS and PCIe 3.0, provides enterprise-class storage performance, reliability, security and efficiency needed to address your evolving data storage needs. 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. The Smart Array P408i-c SR Gen10 Controller is ideal for maximizing performance while supporting advanced RAID levels with 2 GB flash-backed write cache (FBWC).

The HPE Smart Array Gen10 controllers are supported by the HPE Smart Storage Battery, which supports multiple devices and is sold separately.

FEATURES

Increased Performance for Faster Data Insights

The HPE Smart Array P408i-c SR Gen10 Controller is an enterprise-class controller that increases performance in messaging, database, or general server applications and delivers 12 Gb/s SAS connectivity on the HPE Synergy 660 Gen10 Compute Module when connected to 12 Gb/s internal storage devices.

Increases performance with 2 GB Flash-Backed Write Cache (FBWC) and reduces latency in write-intensive applications that require heavy logging such as databases.

Enhances performance in storage environments where data is read repeatedly from a large number of SSDs by using HPE SSD Smart Path to create a faster I/O path between the controller and SSD.

Built-in Reliability and Security

The HPE Smart Array P408i-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.

Preserve data integrity with HPE SmartSSD Wear Gauge, which alerts you to potential drive issues before a drive fails.

Long-term data retention with 2 GB Flash-Backed Write Cache for improved data reliability.

Improved Efficiency and Storage Management

The HPE Smart Array P408i-c SR Gen10 Controller has increased flexibility with Mixed Mode which operates in RAID and HBA simultaneously.

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

Technical specifications

HPE Smart Array P408i-c Controller

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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Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

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- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[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.

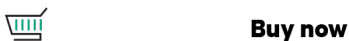
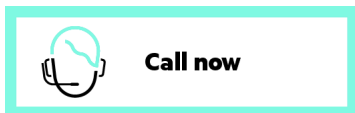
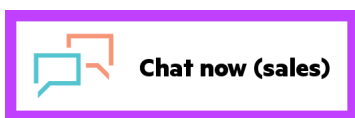
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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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