



HPE SECURE ENCRYPTION

Server Management Software



OVERVIEW

Do you need to deal with data privacy challenges? Are you worried about meeting compliance regulations? HPE Secure Encryption helps you accomplish this with data encryption keys to secure your sensitive data-at-rest.

HPE Secure Encryption is available for both local and remote deployments. Local Key Management mode provides a single server deployment. Remote Key Management mode allows for central management of enterprise-wide deployment. Both Local Key Management and Remote Key Management modes require the HPE Smart Storage Administrator (SSA) version 1.60.17.0 or later, Smart Array Px3x and Px4x controllers, and Smart Array firmware version 1.50 or later. For Remote Key Management mode, HPE Enterprise Secure Key Manager

(ESKM) 3.1 manages all remote keys and will help you scale to over 25,000 servers and millions of keys.

FEATURES

Broad Encryption Coverage

HPE Secure Encryption encrypts the data on both the attached bulk storage and cache module of the HPE Smart Array controllers.

Secure Encryption Software supports all hard disk drive or solid state drive for HPE ProLiant Gen8 and Gen9 servers, or supported storage enclosures.

High Availability and Scalability

HPE Secure Encryption easily scales with your business from a single server to enterprise-wide deployment of over 25,000 servers via the HPE Enterprise Secure Key Manager (ESKM) 3.1.

ESKM version 3.1 manages all remote keys centrally and, when deployed in a clustered configuration, maximizes uptime.

Simplified Deployment and Management

The HPE Smart Storage Administrator configures the features of HPE Secure Encryption associated with the HPE Smart Array controllers.

One HPE Secure Encryption license is required per server.

Support Compliance Requirements like HIPAA and Sarbanes-Oxley

HPE Secure Encryption helps enterprises comply with data privacy requirements associated with HIPAA and Sarbanes-Oxley Acts.

Most HPE Smart Array Px4x Gen9 RAID controllers have achieved FIPS 140-2 Level-1 validation.



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

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

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.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- 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.

HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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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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