



# **HPE 16TB SAS 12G BUSINESS CRITICAL 7.2K LFF LP 1-YEAR WARRANTY HELIUM 512E ISE MULTI VENDOR HDD (P23608-H21)**

## **Server Hard Drives**

### **WHAT'S NEW**

- Introducing the market-leading 20 TB SAS/SATA HDD, which is offering the highest capacity for more petabyte per rack.
- Introducing 10 TB air-filled SAS/SATA HDD which provides lower price per GB in the same capacity, replacing the old Helium-filled 10 TB.
- Offering more capacities in Basic Carrier (BC) to support the latest platforms.

### **OVERVIEW**

Do your HPE servers and storage platforms need high capacity and proven performance hard drives to optimize your business critical data storage workloads?

HPE Business Critical Hard Drives are engineered to deliver the highest capacity, performance, reliability and data security across your data center applications. HPE Business Critical Hard Drives allow you to store more data without sacrificing performance or reliability. HPE Business Critical Hard Drives are available in both 3.5-inch Large Form Factor (LFF) and 2.5-inch Small Form Factor (SFF) and ship with a standard one-year warranty. All HPE hard drives pass a rigorous qualification process, which certify that every drive is proven to perform in your HPE server and storage environments. All HPE hard drives include digitally signed firmware which helps prevent unauthorized access to your data.

## FEATURES

### **HPE Hard Drives Deliver High Performance and Reliability Across HPE Server and Storage Platforms**

HPE Hard Disk Drives (HDDs) are enterprise-class drives for demanding 24x7 data center environments

HPE HDDs are validated and tested with on-going quality monitoring throughout their lifecycle

### **Enhance Total Server Storage Capacity for Business Critical Workloads with HPE HDDs**

HPE offers highest capacity 20 TB hard drives that are ideal for digital content, bulk storage, cloud and web environments

HPE Business Critical Hard Drives offer high capacity for economic bulk storage

### **HPE HDDs are Engineered to Deliver High Capacity, Performance, Reliability and Data Security**

HPE HDDs are engineered to maximize total server storage capacity within data center environments

HPE HDDs help prevent unauthorized access to your data with Digitally Signed Firmware

HPE HDDs help simplify the cost and complexity of re-purposing or disposing of drives while protecting data with Instant Secure Erase (ISE) technology

Simplify HDD planning and standardize HDDs across HPE server and storage solutions

Common HPE HDD carriers offer consistency and compatibility across HPE server and storage platforms



**Technical specifications****HPE 16TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD**

|                                   |  |
|-----------------------------------|--|
| <b>Product Number</b>             | P23608-H21   |
| <b>Platform Supported</b>         | HPE Apollo/Integrity/SGI   |
| <b>Interface</b>                  | SAS  |
| <b>Workload</b>                   | Business Critical  |
| <b>Drive Rotation Speed (RPM)</b> | 7.2K   |
| <b>Form factor</b>                | LFF  |
| <b>Drive Technology (Fill)</b>    | Helium   |
| <b>Format type</b>                | 512e   |
| <b>Carrier type</b>               | Low Profile Carrier (LPC)  |
| <b>Capacity</b>                   | 16 TB  |
| <b>Warranty</b>                   | HPE Business Critical Hard Drives have a 1-year limited warranty regardless of the warranty period for the system in which they are installed. |



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.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

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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  
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