HPE Business Critical Hard Drives

HPE 6TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty 512e Multi Vendor HDD (861742-B21)

What's new

- Introducing the market-leading 26 TB SAS/SATA HDD, offering the highest capacity for more petabytes 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 the highest-capacity 26 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 6TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty 512e Multi Vendor HDD
Product Number	861742-B21
Interface	SATA
Workload	Business Critical
Drive rotation speed (RPM)	7.2K
Drive technology (fill)	Air
Format type	512e
Carrier type	Low Profile Carrier
Capacity	6 TB
Height	1.028 in 26.1 mm
Warranty	Midline Hard Drives have a 1-year limited warranty regardless of the warranty period for the system in which they are installed.
Shipping dimensions	2.61 X 10.55 X 15.66 cm
Platform supported	HPE Compute Mainstream Platforms, see QuickSpecs for more information

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

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **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.

HPE Education Services

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.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

Visit HPE.com

Chat now

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

PSN1009449906WWEN, November, 2026.

HEWLETT PACKARD ENTERPRISE

hpe.com