

# **HPE D3000 Disk Enclosures**





Manage your growing storage needs by deploying the next generation 12 Gb SAS low-cost, high-capacity external storage enclosures with up to 960 TB LFF SAS or SATA or 400 TB SFF SAS.

Has your business exceeded your storage capacity?

Manage your small and midrange business' growing storage needs by deploying the **HPE D3000 Disk Enclosures**, the next generation 12 Gb SAS low-cost, high-capacity, tiered external storage system. The HPE D3000 Disk Enclosures are ideal for your small application environments, remote offices, and departmental locations. The 12 Gb SAS enclosures—large form factor (LFF) D3600 or the Gen10 branded D3610 Disk Enclosure with 12 drive bays and small form factor (SFF) D3700 or the Gen10 branded D3710 Disk Enclosure with 25 drive bays—offer flexible, modular solutions to simplify

capacity expansion of <u>HPE ProLiant</u> and <u>BladeSystem server</u> environments to external storage without having to make the full move to SAN or NAS. The D3610 and the D3710 are aligned with the Gen10 ProLiant branding and industrial design and targeted for use with the Gen10 branded HPE ProLiant servers. This allows you to buy what is needed today and purchase additional capacity as your data storage needs grow.

HPE Disk Enclosure D3000 supports HPE SmartDrive carriers. Buy and maintain common set of HPE ProLiant drives for Gen8 ProLiant servers. Total support can grow up to 96 LFF or 200 SFF drives. Page 2

## **Key features and benefits**

## Affordable storage for capacity demands

- HPE D3000 Enclosures 12 Gb SAS enables a higher/faster data transfer rate: doubling the current transfer rate of 6 Gb solutions, adding crucial bandwidth.
- The modular platform provides investment protection by allowing you to purchase based on your current need and plan for the future without hidden management charges.
- Increase your data speed with enterprise-class dual-port SAS drives as the need and budget dictates.
- Provides a higher level of redundancy and reliability, thereby reducing single points of failure within the storage network.

## Flexible and scalable with room to grow

- The HPE D3000 Enclosures give you the flexibility to mix and match SAS, SATA, and Solid State Drives (SSDs) in the same enclosure, and extend the benefit of tiered storage to direct attach customers.
- Designed to give you room to grow as your storage demands increase, the D3600 or the Gen10 branded D3610 LFF can grow up to 96 drives. You can also add up to eight D3600 LFF enclosures that can be connected together from a single controller port.
- With the D3700 or the Gen10 branded D3710 SFF you can add up to 200 drives or up to eight SFF enclosures can be connected together from a single controller port.
- With a Gen8/Gen9 Smart Array Controller you can mix D3600 and the D3700 enclosures for expansion, up to four D3600 and four D3700 (4 x LFF and 4 x SFF) allowing for expansion up to 148 drives.

- With a Gen10 Smart Array Controller you can mix D3610 and the D3710 enclosures for expansion for up to four D3610 and four D3710 (4 x LFF and 4 x SFF) allowing for expansion up to 148 drives.
- On the D3000 you can get SSD support for up to 25 drives per Smart Array Controller.

## Easy to manage

- The HPE D3000 Enclosures support the HPE SmartDrive carrier, enabling single set of common drives for Gen8 ProLiant servers and D3000 Enclosures.
- The HPE D3000 Enclosures uses familiar HPE ProLiant management tools including HPE Systems Insight Manager and the HPE Array Configuration Utility (ACU) software.
- The HPE D3000 Enclosures are compatible with selected HPE Smart Array SAS Controllers and host bus adapters (HBAs).
- Little IT expertise required to manage the enclosures.

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## **Technical specifications**





## **HPE D3000 Disk Enclosures**

200 SFF SAS,SAI AN,SSD Maximum, depending on model  Large Form Factor LFF SAS (Converter Carriers) 300 (SBFSC) GRINDO GB 12G 15K LFF DP SCC ENT SAS LFF SAS HUL (220) 4 TBIO TBJOT B12G 72K LFF DP MDL 512e 5C 5AS  Small Form Factor SFF 15K SAS (12G) 300 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SD CONSTRUCTION CONTROLL STATE SAS (12G) 300 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SD CONSTRUCTION CONTROLL STATE SAS (12G) 300 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SD CONTROLL STATE SAS (12G) 300 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SPF SAS SND (12G) 1 F8/2 F8 12G 2/2 SFF DP S12e SC MDL SAS SFF SAS SND (12G) 200 (SBFSC) GRINDO GB 12G 15K SFF DP S12e SC MDL SAS SFF SAS SSD (12G) 200 (SBFSC) GRINDO GB 12G 15K SFF MU SAS Solid State Drive SFF SAT SSD (6G) 200 (SBFSC) GRINDO GB 12G 15K SFF MU SAS Solid State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS Solid State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS Solid State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLId State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLID State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLID State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF MU SAS SOLID State Drive SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SFF SAT SSD (6G) 140 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SFF DP SC ENT SAS SPF SAT SSD (6G) 150 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SFF SAT SSD (6G) 150 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS SFF SAT SSD (6G) 150 (SBFSC) GRINDO GB 12G 15K SFF DP SC ENT SAS STEAD STATE STATE STATE STATE STAT		THE ESCOOD SISK EINCLOSURES
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	Warranty (parts/labor/onsite)	3/0/0

## Resources

#### QuickSpecs

HPE Factory Express provides customization and deployment services along with your storage and server purchases. You can customize hardware to your exact specifications in the factory—helping speed deployment.

#### hpe.com/info/factoryexpress.

Gain the skills you need with ExpertOne training and certification from HPE. With HPE Converged Storage training, you will accelerate your technology transition, improve operational performance, and get the best return on your HPE investment. Our training is available when and where you need it, through flexible delivery options and a global training capability.

#### hpe.com/services/storage

Optimize your IT investment strategy with new ways to acquire, pay for, and use technology, in lock-step with your business and transformation goals.

#### hpe.com/solutions/hpefinancialservices

## **HPE Technology Services**

**Expert HPE storage consultants and service professionals** sit down with
you and your team to map your storage
needs. Not only can we help you accelerate
implementation and reduce deployment risk,
but we can also help you realize the full value
of your storage purchases as you transform
storage for the New Style of IT.

## Advice, transform, and integrate

Navigate through the complexities of storage, backup, archive, disaster recovery, and Big Data with advisory, transformation, and integration consulting.

## **Deploy and implement**

Access expertise to support deployment, operations, relocation, sanitization, and disposal, plus improvement-focused education.

#### Operate and support

Find the level of personalized, proactive, and simplified support right for your business.

#### Note

Specific service availability varies by product.

#### **HPE Foundation Care**

System-level IT hardware and software support delivers flexible coverage window and response time for more choice and simplicity.

## **HPE Proactive Care**

Combined reactive and proactive services provide easy-to-purchase, cost-efficient system-level support coupled with personalized expert advice and products connected to Hewlett Packard Enterprise to help prevent problems and reduce downtime.

HPE Proactive Care Advanced builds and incorporates on Proactive Care and also gives customers personalized technical and operational advice from an assigned, local Account Support Manager for personalized technical collaboration, flexible access to specialist skills to help optimize business critical IT, and enhanced Critical Incident Management to help so the business is not affected if there is a system or device outage.

#### **HPE Datacenter Care**

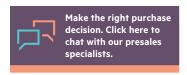
Get the support you need to deploy, operate, and evolve your data center environment to be hybrid-cloud ready with single-point-of-accountability for HPE and others' product.

Get connected and get back to business— HPE Storage Technology Services provide the path to get your HPE Storage solutions and your business connected to Hewlett Packard Enterprise. Once connected, our experts are able to scan your system and run health checks, then use that data to create personalized reports and recommendations for actions to take to prevent problems and downtime.

For more information, visit **hpe.com/services/storage**.

Learn more at

hpe.com/us/en/product-catalog/ storage/disk-enclosures/ pip.hpe-d3000-diskenclosures.6923837.html









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