Hewlett Packard Enterprise

# HPE D3610 ENCLOSURE (Q1J09A)

## Disk Enclosures



## WHAT'S NEW

- Support for 14TB Large Form Factor (LFF) SAS and SATA HDDs on D3600/D3610 enclosures.

## OVERVIEW

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

capacity expansion of HPE ProLiant server and HPE BladeSystem environments to external storage without having to make the full move to SAN or NAS. This allows you to buy what is needed today and purchase additional capacity as data storage needs grow. HPE D3000 enclosures support HPE SmartDrive Carriers. Buy and maintain a common set of HPE ProLiant drives for Gen8/Gen9 and Gen10 ProLiant Servers. Total support can grow up to 96 LFF or 200 SFF drives.

## FEATURES

### Affordable Storage for Capacity Demand

HPE D3000 Enclosures 12 Gb SAS provides a higher level of redundancy and reliability, reducing single-points-of-failure within the storage network.

The modular platform provides investment protection by allowing purchases based on your current need and future plans without hidden management fees.

Increase your data speed with enterprise-class, dual-port SAS drives as need and budget dictate.

The HPE D3610 and HPE D3710 standardizing on Gen10 branding/industrial design to align with ProLiant Gen10 Servers.

### Flexible and Scalable with Room to Expand

The HPE D3000 Enclosures give you the flexibility to mix and match SAS, SATA and Solid State drives in the same enclosure, and extend the benefit of tiered storage to your customers.

Designed to give you room to expand as your storage demands increase, the HPE D3600 and the Gen10 branded HPE D3610 LFF can swell to 96 drives. You can also add up to eight HPE D3600 or HPE D3610 LFF enclosures from a single controller port.

With the HPE D3700 and the Gen10 branded HPE D3710 SFF you can increase to 200 drives or up to eight SFF enclosures from a single controller port.

Smart Array Controllers allow mixing D3600 or the D3610 and the D3700 or the D3710 enclosures for expansion, up to four D3600 or D3610 and four D3700 or D3710 (4x LFF and 4x SFF) allowing for expansion up to 148 drives.

Solid state drive support for up to 25 drives per Smart Array Controllers on all HPE D3000 models.

### Easy to Manage

The HPE D3000 Enclosures support the HPE SmartDrive Carrier, enabling a single set of common drives for Gen8, Gen9 and Gen10 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 HBAs.

Little IT expertise is required to manage the enclosures.

### Software-Defined Storage

Microsoft Windows 2012 Storage Spaces support Gen9 ProLiant servers and H241 HBA.

## Technical specifications — HPE D3610 Enclosure

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|---|---|
| **Product Number (SKU)** | Q1J09A |
| **Capacity** | 1344 TB maximum, depending on drive capacity and form factor |
| **Drive description** | 12 HPE LFF SAS/SATA drives in Smart carriers supported |
| **Host interface** | 12 Gb/s SAS |
| **Storage controller** | Smart Array E208e-p<br>Smart Array P408e-p |
| **Storage expansion options** | Up to eight (8) enclosures from a single controller port |
| **SAN backup support** | No |
| **Storage mirroring support** | No |
| **Systems Insight Manager support** | Yes |
| **Compatible operating systems** | Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2012 Essentials, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), VMware ESX depending on host connectivity |
| **Form factor** | 2U |
| **Minimum dimensions ( H x W x D)** | 8.7 x 44.8 x 59.8 cm |
| **Weight** | 17.2 kg |
| **Warranty** | 3-year parts, no labor, no onsite support coverage. For more warranty information refer to http://h20564.www2.hpe.com/hpsc/wc/public/home. |

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

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- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

### Other related services

**Defective Media Retention** is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

**HPE Service Credits** offers a menu of technical services, access additional resources, and specialist skills.

**HPE Education Services** provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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Image may differ from the actual product

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