

# HP DAT 160

## Internal/External Tape Drive

### DDS Generation 6

#### HP EBxxxA



Optimum capacity  
and performance  
for SMB  
environments



This latest HP DDS/DAT drive provides optimum capacity, performance and price for small and medium business environments or enterprise workgroups requiring the highest capacity and performance DDS/DAT drive available.

HP DAT 160 delivers a capacity of 160 GB on a single data cartridge and a transfer rate of up to 50 GB/hr (assuming a 2:1 compression ratio) to address today's real capacity and performance needs. At the same time this sixth generation DDS/DAT drive provides the proven reliability and two-generation backward compatibility that users of the world's most successful tape technology have come to expect.

The RoHS compliant HP DAT 160 drive comes with a choice of interfaces including USB for low-cost, universal plug-and-play, Ultra 160 SCSI 3 to meet the needs of legacy systems or SAS for the latest interface connectivity. Available in 3.5-inch and 5.25-inch Half-High form factors and both external and internal configurations the HP DAT 160 is ideal for building into entry-level and mid-range systems where performance is a growing issue.

Read/Write compatible with previous generation DAT 72 and DDS-4 products, the DAT 160 enables a simple migration path for the installed base of over 6 million DDS/DAT users delivering a dependable and cost-effective backup solution with a low ongoing cost of ownership.

## Key Benefits and Features

- **Highest capacity and performance in the DDS/DAT portfolio providing optimum capacity and performance**
- **Ideal for larger departmental LAN, mail, application and web servers and large workstations**
- **160 GB\* capacity**
- **Up to 50 GB\* per hour transfer rate**
- **Available with a choice of interface :  
USB for universal plug-and-play connectivity,  
SCSI for legacy systems  
SAS for the latest connectivity**
- **The 6th generation of proven DDS/DAT technology**
- **Read/Write compatible with previous generation DAT 72 and DDS-4 products providing a simple migration path for installed base users**
- **Inexpensive media for low total cost of ownership**
- **Assured connectivity with leading servers, operating systems and backup software**
- **3.5-inch or 5.25-inch Half-High form factors for flexible configuration**
- **RoHS compliant to meet environmental standards**

\*Note: assumes a 2x data compression ratio.

powered by



Native capacity/transfer rates quoted unless otherwise stated.  
Data compression quoted uses a typical ratio of 2:1.  
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### Storage Capacity

80 GB native, typically 160 GB with hardware data compression on a DAT 160 cartridge.

### Recording Format

ANSI/ECMA DDS-4, DAT 72 and DAT 160

### Performance

**Sustained Transfer Rate:** Typically 49.3 GB/hour with hardware data compression

6.9 MB/s native, or typically 13.8 MB/s with hardware data compression

**Burst Transfer Rate:** 6.4 MB/s maximum asynchronous, 160 MB/s maximum synchronous

**Search Speed:** 50 seconds average file access using a 170-meter tape

**MTBF:** > 1,000,000 hours at 12% duty cycle and 125,000 hours at a 100% duty cycle

**Media:** DAT 160 (160 GB\*), DAT 72 (72 GB\*), DDS-4 (40 GB\*), Media Recognition Cartridges

**Interfaces:** SCSI 3 Ultra 160 LVD, USB 2.0 or SAS

**Form Factor:** 3.5-inch or 5.25-inch Half-High

### Power Consumption

+5V DC, 0.9A; +12V DC, 1.5A peak (< 1 sec)

+5V DC, 0.5A; +12V DC, 0.5A typical

### Power Requirements

+5V DC, 0.9A; +12V DC, 1.5A peak (< 1 sec)

### Physical Characteristics

**Dimensions (HxWxD):**

41 x 102 x 166mm (1.6 x 4.0 x 6.6in)

**Weight:** 0.79kg (1.74lb)

### Product Certification

cCSAus certified, TUV, CE, C-Tick, RRL

### Ordering Information

**Internal Tape Drives:**

HP EBxxx DAT 160 GB\* USB internal tape drive

HP EBxxx DAT 160 GB\* SCSI internal tape drive

HP EBxxx DAT 160 GB\* SAS internal tape drive

**External Tape Drives:**

HP EBxxx DAT 160 GB\* USB external tape drive

HP EBxxx DAT 160 GB\* SCSI external tape drive

HP EBxxx DAT 160 GB\* SAS external tape drive

### Media Accessories:

C8011A DAT 160 (160 GB\*) Cartridge

C8015A DDS/DAT Cleaning Cartridge 2