Workgroup Server 8150 & 9150: DAT Drive Specifications (1/96)

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TOPIC ---

What are the specifications on the HP 1533A DAT drive in Apple's Workgroup
Server 8150?

DISCUSSION --

The Digital Audio Tape (DAT) drive used in the Workgroup Servers 8150 and 9150
is from Hewlett-Packard, model HP C1533A DDS-2. It supports 60m and 90m DDS
Media Recognition System cartridges in addition to the new 120m Digital Data
Storage-2 cartridges.

The specifications given below are based on the following general assumptions:

• Media must conform to the DDS Media specifications and not be damaged or
  faulty.
• The drive and media must remain within their respective operating and
  non-operating environmental specifications.
• The drive is in good operating condition
• Read-after-write rewrites are used as necessary on writing.

Performance (DDS-DC Mode)

Capacity:
• 60 meter tape (DDS-1) 2.6 GB (typical)
• 90 meter tape (DDS-1) 4.0 GB (typical)
• 120 meter tape (DDS-2) 8.0 GB (typical)

NOTE: Tape capacity is dependent upon compressibility of data. For example, text
files compress better that applications.

Transfer Rate

Sustained:
• 510 KB per second (native)
• 1.0 MB per second (typical)
• 1.5 MB per second (maximum)

Burst:

- Asynchronous   3.0 MB per second (maximum)
- Synchronous   7.5 MB per second (maximum)

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