



## DAT Autoloader

The Standard for DAT Tape Automation

The Quantum DAT 72 autoloader provides reliable automated data protection for small to medium-sized businesses (SMBs) that require affordable, unattended data protection. An extension of the DAT format tape family, Quantum was the first to bring a DAT 72 autoloader configuration to the market.

The Quantum DAT 72 autoloader offers six times the capacity of a single DAT drive at a fraction of the cost per gigabyte (GB) while delivering up to a 7MB/sec\* transfer rate (DAT 72). This is a 35% increase in capacity per cartridge over any other DDS autoloader. Both autoloaders support backward compatibility with previous generations of DDS media, providing complete investment security while providing exceptional reliability with TapeShield™, a feature that reduces airborne and media contaminants, improving data integrity and enhancing the life of the drive and the media.

The DAT 72 autoloader is available in internal, desktop or 2U rackmount configurations. Backed by a three-year limited warranty, the DAT autoloader is a complete data protection solution that includes backup software at no extra cost.

UP TO 864GB\* CAPACITY

UP TO A 7MB/SEC\* TRANSFER RATE

"BACKUP READY" SOLUTION

3 YEAR RAPID EXCHANGE WARRANTY

### FEATURES AND BENEFITS

- ⓐ Exceptional Value – Best total cost of ownership in its class
- ⓐ Reliability You Can Trust – Highest reliability in the DAT/DDS segment with Quantum exclusive TapeShield and SmartShield
- ⓐ Fastest DAT 72 Autoloader Available – Up to 7MB/sec\*
- ⓐ Investment Protection – Backward read/write capability

**DRIVE CAPACITY AND PERFORMANCE**

Drive Type	Cartridge Capacity		Drive Throughput	
	Native/Compressed* (GB)		Native/Compressed* (MB/sec)	
DAT 72	36 / 72		3.5 / 7.0	
Interface: Ultra2 SCSI LVD				
Bursts Transfer Rate: Synchronous transfer rate (MB/sec): 80				
Average File Access Time (sec)				
DAT 72: <40				

**COMPATIBILITY**

<b>Media Read/Write:</b>	DAT 72, DDS-4, DDS-3
<b>Operating Systems/ Backup Software:</b>	Go to <a href="http://www.quantum.com/compatibility">www.quantum.com/compatibility</a> for the most up-to-date tested solutions

**PHYSICAL SPECIFICATIONS**

DAT 72 Form Factor	Internal	Tabletop	Rackmount
Width (in/mm)	4.0 / 101.6	6.1 / 152	16.7 / 425
Height (in/mm)	1.6 / 41.2	2.7 / 69	1.7 / 43.7
Length (in/mm)	5.7 / 146	9.3 / 236	20 / 508
Weight (lbs/kg)	1.4 / 0.62	4.1 / 1.8	13.8 / 6.3

**ENVIRONMENTAL**

<b>Operating</b>	
Temperature °F (°C):	41° to 113° (5° to 45°)
Non-Condensing Humidity (%):	80
Altitude (ft. maximum):	15,000
<b>Non-Operating</b>	
Temperature °F (°C):	-40° to 149° (-40° to 65°)
Non-Condensing Humidity (%):	90
Voltage (V):	+5/+12
Power Consumption (W):	9

**TAPE FORMAT SPECIFICATIONS**

Recording Format:	DAT 72
Track Density:	147.34 tracks per mm
Encoding Method:	Helical scan (R-DAT)
Data Compression:	DCLZ
DAT 72 (read/write):	Yes
DDS-4 (read/write):	Yes
DDS-3 (read/write):	Yes
DDS-2 (read/write):	No
DDS-DC (read/write):	No

**TAPE SPECIFICATIONS**

<b>Cartridge Dimensions:</b>	2.9"x2.1"x0.4"
<b>Archive Storage:</b>	30 years
<b>Durability:</b>	5,000 head passes

**WARRANTY**

<b>Tape:</b>	Limited lifetime
<b>Tape Drive:</b>	3 Year limited

\* Assumes 2:1 compression

**Model Numbers and Descriptions**

<b>CDL432LWF-SS</b>	DAT 72 Autoloader, Ultra 2 SCSI LVD, Backup Exec QuickStart software, Warranty, product documentation	<b>CDL432LW2U-SS</b>	DAT 72 Autoloader, Ultra 2 SCSI LVD, Backup Exec QuickStart software, US Power Cord, Rackmount slide kit and mounting bracket, HD68-pin SCSI cable, SE/LVD Terminator, Warranty, product documentation
<b>CDL432LWEF-SS</b>	DAT 72 Autoloader, Ultra 2 SCSI LVD, Backup Exec QuickStart software, US Power Cord, Warranty, product documentation	<b>CDL864LW2U-SS</b>	DAT 72 Autoloader, Ultra 2 SCSI LVD, Backup Exec QuickStart software, US Power Cord, Rackmount slide kit and mounting bracket, 2 HD68-pin SCSI cables, 2 SE/LVD Terminators, Warranty, product documentation

 For contact and product information, visit [quantum.com](http://quantum.com) or call **800-677-6268**

**Quantum**<sup>®</sup>

**Backup. Recovery. Archive. It's What We Do.**

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**About Quantum**

Quantum Corp. (NYSE:DSS) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.