



## DAT/DDS

DAT/DDS Data Cartridges are the Ideal Solution for High-volume Backup and Archiving Requirements

Quantum's DAT/DDS cartridges have MRS (Media Recognition System) to inform the DAT/DDS drive that this medium is certified for the DAT/DDS system. Quantum's DAT/DDS data cartridges have an extremely smooth base film giving the magnetic layer a mirror finish to reduce the spacing loss that causes errors.

Thanks to their outstanding static resistance, these data cartridges prevent dust accumulation, maintaining their exceptionally low error rate over an extended working life.

With a capacity of up to 320GB<sup>1</sup>, these easy-to-handle compact cartridges provide cost-efficient backup and long-term archiving options, making it an ideal choice for your specific backup and archive applications.

<sup>1</sup>Based on 2:1 compression.

## MEDIA

UP TO 320GB COMPRESSED CAPACITY  
BIG STORAGE IN A SMALL FORM FACTOR

## FEATURES AND BENEFITS

- **High Capacity** – Up to 320GB<sup>1</sup> capacity provides cost-efficient backup and long-term archiving.
- **Minimal Error Rate, Higher Efficiency** – Although DAT/DDS cartridges have error correction, avoiding errors in the first place is the best solution. An extremely smooth base film and super-calendering techniques give the magnetic layer a mirror finish to reduce the spacing loss that causes error. Combined with the tape's high output results in an extremely low error rate.
- **MRS (Media Recognition System)** – DAT/DDS cartridges have MRS to inform the DAT/DDS drive that this medium is certified for the DAT/DDS system.

	DAT 320	DAT 160	DAT 72	DDS-4	DDS-3	DAT 320 Cleaning Cartridge	Cleaning Cartridge II	DDS Cleaning
<b>BASIC SPECIFICATIONS</b>								
Cartridge Color	Black	Black	Black	Black	Black	Black	Black	Black
Capacity (Native/Compressed)	160/320GB <sup>1</sup>	80/160GB <sup>1</sup>	36/72GB <sup>1</sup>	20/40GB <sup>1</sup>	12/24GB <sup>1</sup>	Number of cleanings depends on drive condition	Number of cleanings depends on drive condition	Up to 40 cleanings
Transfer Rate	24MB*/sec	6.9MB*/sec	3.0MB*/sec	1.0-3.0MB*/sec	0.7-1.5MB*/sec	N/A	N/A	N/A
Durability	5,000 head passes	5,000 head passes	5,000 head passes	5,000 head passes	5,000 head passes	N/A	N/A	N/A
<b>PHYSICAL CHARACTERISTICS</b>								
Tape Width	8mm (0.315")	8mm (0.315")	3.81mm (0.15")	3.81mm (0.15")	3.81mm (0.15")	8mm (0.315")	3.81mm (0.15")	3.81mm (0.15")
Tape Thickness	5.9µm	5.6µm	5.2µm	5.6µm	6.7µm	6.1µm	6.8µm	6.8µm
Tape Length	153m (502ft)	155m (508ft)	170m (570ft)	155m (509ft)	124.5m (408ft)	60.0m (197ft)	60.0m (197ft)	15.5m (50.85ft)
Cartridge Dimensions W×H×L mm (in.)	73.0×54.0×14.7 (2.87×2.13×0.58)	14.73×54.0×73.0 (0.58×2.13×2.87)	14.73×65.53×80.77 (0.58×2.58×3.18)	14.73×65.53×80.77 (0.58×2.58×3.18)	14.73×65.53×80.77 (0.58×2.58×3.18)	73.0×54.0×14.7 (2.87×2.13×0.58)	14.73×54.0×73.0 (0.58×2.13×2.87)	14.73×65.53×80.77 (0.58×2.58×3.18)
<b>OPERATING ENVIRONMENTAL CONDITIONS</b>								
Temperature	15 - 55°C (59 - 131°F)	15 - 55°C (59 - 131°F)	15 - 55°C (59 - 131°F)	15 - 55°C (59 - 131°F)	15 - 55°C (59 - 131°F)	15 - 55°C (59 - 131°F)	5 - 45°C (41 - 113°F)	15 - 55°C (59 - 131°F)
Humidity	10 - 80%RH	10% - 80%RH	10% - 80%RH	10% - 80%RH	10% - 80%RH	10 - 80%RH	10% - 80%RH	10% - 80%RH
Max. Wet Bulb Temp.	26°C (78°F)	26°C (78°F)	26°C (78°F)	26°C (78°F)	26°C (78°F)	26°C (78°F)	26°C (78°F)	26°C (78°F)
<b>STORAGE ENVIRONMENTAL CONDITIONS</b>								
Temperature	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)	5 - 32°C (41 - 90°F)
Humidity	20 - 60%RH	20 - 60%RH	20 - 60%RH	20 - 60%RH	20 - 60%RH	20 - 60%RH	20 - 60%RH	20 - 60%RH
Max. Wet Bulb Temp.	28°C (78°F)	28°C (78°F)	28°C (78°F)	28°C (78°F)	28°C (78°F)	28°C (78°F)	28°C (78°F)	28°C (78°F)

<sup>1</sup> Based on 2:1 compression.

\* Transfer rate is drive dependent.

Specifications subject to change. Quantum DAT/DDS cartridge tapes are covered by a limited lifetime warranty. Visit Quantum.com for full details.

**Model Numbers and Descriptions**

MR-D7MQN-01	DAT 320 Media Cartridge
MR-D6MQN-01	DAT 160 Media Cartridge
CDM72	DAT 72 Media Cartridge
CDM40	DDS-4 Media Cartridge
CDM24	DDS-3 Media Cartridge
MR-D7CQN-01	DAT 320 Cleaning Cartridge (For use with DAT 320 drives only)
MR-D6CQN-01	DDS/DAT Cleaning Cartridge II (For use with DAT 160 drives only)
CDMCL	DDS Cleaning Cartridge (Used with DAT 72, DDS-4, and DDS-3 drives)

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



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**About Quantum**

Quantum Corp. (NYSE:QTM) 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. This includes the DXi®-Series, the first disk backup solutions to extend the power of data deduplication and replication across the distributed enterprise. 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.