



Our address

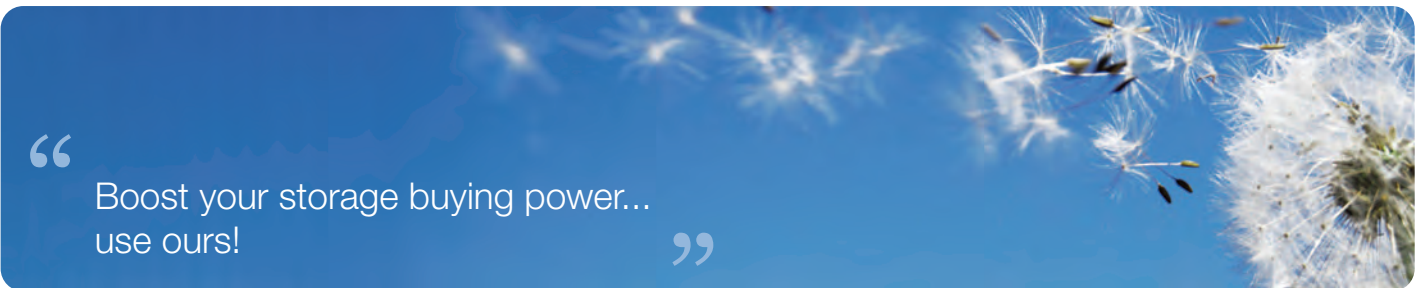
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DAT/DDS

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 320GB¹, 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.

MEDIA

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

FEATURES AND BENEFITS

- **High Capacity** – Up to 320GB¹ 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.

*Based on 2:1 compression.

| | DAT 320 | DAT 160 | DAT 72 | DDS-4 | DDS-3 | DAT 320 Cleaning Cartridge | Cleaning Cartridge II | DDS Cleaning |
|---|---------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------------------------|--|--|------------------------------------|
| BASIC SPECIFICATIONS | | | | | | | | |
| Cartridge Color | Black | Black | Black | Black | Black | Black | Black | Black |
| Capacity (Native/Compressed) | 160/320GB ¹ | 80/160GB ¹ | 36/72GB ¹ | 20/40GB ¹ | 12/24GB ¹ | 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 |
| PHYSICAL CHARACTERISTICS | | | | | | | | |
| 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) |
| OPERATING ENVIRONMENTAL CONDITIONS | | | | | | | | |
| 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) |
| STORAGE ENVIRONMENTAL CONDITIONS | | | | | | | | |
| 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) |

¹ 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) |

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.



Preserving the World's Most Important Data. Yours.™