



Quantum DAT 160

Internal/External Tape Drive
DDS Generation 6

UP TO 160 GB* CAPACITY

UP TO 50 GB/HR* TRANSFER RATE

"BACKUP READY" SOLUTION

3 YEAR RAPID EXCHANGE WARRANTY

FEATURES AND BENEFITS

The Quantum DAT 160 drive provides the highest capacity and performance in the DDS/DAT portfolio for small and medium businesses requiring backward compatibility to previous DDS/DAT tape drives.

Quantum's 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). 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 Quantum DAT 160 drive comes with a choice of interfaces: USB for low-cost, universal plug-and-play, Ultra 160 SCSI 3 to meet the needs of legacy systems, and SAS for advanced systems. Available in 3.5-inch and 5.25-inch Half-High form factors and both tabletop and internal configurations, the Quantum DAT 160 is ideal for current DDS/DAT customers looking for compatibility.

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.

- 🔊 Highest capacity and performance in the DDS/DAT portfolio providing optimum capacity and performance
- 🔊 Ideal for SMB customers looking for the latest in DDS/DAT technology
- 🔊 Available with a choice of interface: USB for universal plug-and-play connectivity, SCSI for legacy systems and SAS for advanced systems
- 🔊 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
- 🔊 3.5-inch or 5.25-inch Half-High form factors for flexible configuration, as well as convenient Tabletop option
- 🔊 RoHS compliant to meet environmental standards

DRIVE CAPACITY AND PERFORMANCE

Drive Type	Cartridge Capacity		Drive Throughput	
	Native/Compressed* (GB)		Native/Compressed* (MB/sec)	
DAT 160	80 / 160		6.9 / 13.8	
Interface: SCSI 3 Ultra 160 LVD, USB 2.0 and SAS				
Burst Transfer Rate				
Synchronous transfer rate (MB/sec): 160				
File Access Time (sec): <50				
* Assumes 2:1 compression				

COMPATIBILITY

**Operating Systems/
Backup Software:** Go to www.quantum.com/compatibility for the most up-to-date tested solutions.

RELIABILITY

MTBF (hours): 125,000 hours at a 100% duty cycle
Non-recoverable error rate: <1 in 10¹⁵ bits

PHYSICAL SPECIFICATIONS

Form Factor	Internal	Tabletop	
Width (in/mm)	4.0 / 101.6	7.0 / 178	
Height (in/mm)	1.6 / 41.2	2.25 / 57	
Length (in/mm)	6.9 / 176.3	8.6 / 220	
Weight (lbs/kg)	1.87 / 0.85	4.52 / 2.05	

ENVIRONMENTAL

Operating	
Temperature °F (°C):	41° to 104° (5° to 40°)
humidity (%):	20-80% Non-condensing
Altitude (ft. maximum):	15,000
Non-operating	
Temperature °F (°C):	-40° to 128° (-40° to 70°)
Humidity (%):	5-95% Non-Condensing
Voltage:	+5/+12 VDC internal, 120/240 VAC external
Power Consumption (W):	
Average:	8.5 internal, 24 tabletop
Peak:	22.5 internal, 54 tabletop

TAPE FORMAT SPECIFICATIONS

Recording Format:	DDS-4, DAT 72 and DAT 160
Track Density:	6.8 Kb per mm
Encoding Method:	Helical scan (NRZI)
Data Compression:	DCLZ
Tape Specifications:	8mm x 155M, 3.81mm x 155M and 170M
Archive Storage:	30 years
Coating:	MP+++

TAPE/FORMAT COMPATIBILITY

DAT 160 (read/write)	80GB native capacity
DAT 72 (read/write):	36GB native capacity
DDS-4 (read/write):	20GB native capacity

WARRANTY

Tape:	Limited lifetime
Tape Drive:	3 year limited with Rapid Exchange

*Based on 2:1 compression

Model Numbers and Descriptions

CD160LWH-SB	DAT 160, 5.25", Ultra 3 SCSI, internal drive bare, black bezel	CD160NH-SB	DAT 160, 5.25", SAS, internal drive bare, black bezel
CD160LWH-SST	DAT 160, 5.25/3.5", Ultra 3 SCSI, internal drive kit (software and media), black bezel	CD160NH-SST	DAT 160, 5.25/3.5", SAS, internal drive kit (software, media and cable), black bezel
CD160LWE-SST	DAT 160, Ultra 3 SCSI, tabletop drive kit (software, media and cables), black	CD160NE-SST	DAT 160, SAS, tabletop drive kit (software, media and cable), black
CD160UH-SB	DAT 160, 5.25", USB 2.0, internal drive bare, black bezel	MR-D6MQN-01	DAT 160 Data Cartridge
CD160UH-SST	DAT 160, 5.25/3.5", USB 2.0, internal drive kit (software, media and cable), black bezel	MR-D6CQN-01	DDS/DAT Cleaning II Cartridge
CD160UE-SST	DAT 160, USB 2.0, tabletop drive kit (software and media), black		

 For contact and product information, visit quantum.com or call 800-677-6268

Quantum®

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

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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. 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.