



### FEATURES AND BENEFITS

- **Rack-Optimized Tape Backup** - Ideal for today's rack-mounted server environments, providing an external backup solution that optimizes rack space.
- **Easy Deployment** - Designed for ease of use, ease of deployment and ease of field service. Drives can be added or removed from the rack with no loss of server uptime!
- **Scalable Solutions** - Choice of DLTape™ drive technology and number of drives to meet users' capacity and performance needs.
- **Enhanced Performance** - Increase backup performance, improve restore times and provide faster retrieval of archived data by adding a second drive quickly and easily - at a later date!
- **Superior Reliability** - DLT Racks are "data center ready", offering exceptional reliability and robustness.

The DLT Rack Series offers the full range of DLTape™ drives in convenient rack-mounted enclosures

#### Rack-Optimized

As space becomes an increasingly critical issue in corporate IT environments, the demand for rack-mounted servers continues to grow. DLT Racks provide the rack-mounted tape backup that these servers require. Available in sleek 1U and 2U form factors, the DLT Racks enclose up to two DLT VS or two SDLT tape drives.

#### Ease of Use

DLT Racks can be installed quickly and easily out of the box. The unique tool-less and sliding rail-mounted design provides quick and simple installation or removal of a drive without removing the unit from the rack. The cover of the unit is removable and allows easy access to the drives and components.

#### Scalability

With data continuing to grow at 40% to 60% a year, IT managers are under constant pressure to scale their backup solutions to keep pace with growing storage needs. The DLT Rack Series offers a choice of drive technologies and configurations to meet users' needs:

DLT Rack2	DLT Rack1
- SDLT 600	- DLT VS160
- SDLT 320	- DLT VS80

Each rack can be populated with either one or two drives, allowing users the flexibility to scale their rack-mounted backup solutions. A user can start with just one rack-mounted tape drive and then add a second drive when needed.

#### Performance

DLT Racks enable two drives to run in parallel, reducing the backup time for multiple server environments without the cost and complexity of automation. Alternatively, the two drives can be attached to a single server for increased backup performance.

- DLT Rack2, configured with two SDLT 600 drives, offers a throughput of up to 518 GB/hr (compressed).
- DLT Rack1 can offer throughput of up to 57 GB/hr (compressed) when configured with two DLT VS160 drives.

#### Reliability

DLT Racks are equipped with a server-grade power supply combined with four cooling fans, ensuring power/thermal integrity, while a unique frame design coupled with 16-gauge steel guarantees outstanding structural rigidity.

The SDLT Series and DLT VS Series tape drives are designed for the high duty cycles required by today's demanding backup environments. They are subject to rigorous ongoing reliability testing and are specified at an MTBF of up to 250,000 hours at a 100% duty cycle to ensure users' data is reliably protected.

## DLTSAGE

#### It's the Power of Knowing!

DLTape is the only technology available that offers this revolutionary drive management system. With DLTSage™ you can manage, predict, and prevent potential problems before they occur.



DLT RACK SERIES SPECIFICATIONS

DLT Rack1			DLT Rack2		
<b>Outside Dimensions</b>	16.75"W,1.730"H,20.38"D		<b>Outside Dimensions</b>	16.75"W,3.43"H,22.38"D	
<b>Environmental Limits</b>			<b>Environmental Limits</b>		
Operating Temperature °F (°C)	50° to 104° (10° to 40°)		Operating Temperature °F (°C)	50° to 104° (10° to 40°)	
Non-Condensing Humidity (%)	20 to 80		Non-Condensing Humidity (%)	20 to 80	
<b>Power Voltage (V)</b>	100-127 VAC, 200-40VAC, auto-ranging		<b>Power Voltage (V)</b>	100-127 VAC, 200-40VAC, auto-ranging	
<b>Power Consumption</b>	85W with 2 Drives Running		<b>Power Consumption</b>	100W with 2 Drives Running	
<b>Shipping Weight</b>	With 1 Drive: 40 pounds, With 2 Drives: 43 pounds		<b>Shipping Weight</b>	With 1 Drive: 54 pounds, With 2 Drives: 60 pounds	
<b>Reliability</b>	250,000 MTBF @ 100% duty cycle		<b>Reliability</b>	250,000 MTBF @ 100% 100% duty cycle	
<b>Reliability of Peripherals</b>			<b>Reliability of Peripherals</b>		
Fan Assemblies	300,000 MTBF @ 100% duty cycle		Fan Assemblies	300,000 MTBF @ 100% duty cycle	
Power Supply	300,000 MTBF @ 100% duty cycle		Power Supply	300,000 MTBF @ 100% duty cycle	
	<b>DLT VS160</b>	<b>DLT VS80</b>		<b>SDLT 600</b>	<b>SDLT 320</b>
<b>Capacity (native)</b>	80GB	40GB	<b>Capacity (native)</b>	300GB	160GB
<b>Transfer Rate (native)</b>	8MB/sec	3MB/sec	<b>Transfer Rate (native)</b>	36MB/sec	16MB/sec
<b>Avg File Access Time (from BOT)</b>	90 sec	68 sec	<b>Avg File Access Time (from BOT)</b>	79 sec	70 sec
<b>Interface</b>	Ultra160 SCSI	Wide Ultra2 SCSI	<b>Interface</b>	Ultra160 SCSI	Wide Ultra2 SCSI
<b>Data Channels</b>	4	2	<b>Data Channels</b>	16	8
<b>Channel Technology</b>	PRML	RLL 1,7	<b>Channel Technology</b>	PRML	PRML
<b>Backward Compatibility</b>	Yes	Yes	<b>Backward Compatibility</b>	Yes	Yes
<b>MTBF</b>	250,000 @ 100%	200,000 @ 100%	<b>MTBF</b>	250,000 @ 100%	250,000 @ 100%
<b>Unrecoverable Bit Error Rate</b>	< 1 in 10 <sup>17</sup> bits read	< 1 in 10 <sup>17</sup> bits read	<b>Unrecoverable Bit Error Rate</b>	< 1 in 10 <sup>17</sup> bits read	< 1 in 10 <sup>17</sup> bits read



For more information, visit [quantum.com](http://quantum.com)

United States of America  
Quantum Corporation  
Storage Systems  
141 Innovation Drive  
Irvine, CA 92612  
U.S.A.  
phone 949.856.7800  
fax 949.856.7799

European Headquarters  
Quantum Corporation  
3 Bracknell Beeches  
Old Bracknell Lane West  
Bracknell  
Berkshire RG12 7BW  
United Kingdom  
phone +44 1344 353500  
fax +44 1344 353510

Asia Pacific  
Level 3  
200 Creek Street  
Brisbane, Qld 4000  
Australia  
phone +61 7 3839 0950  
fax +61 7 3839 0955