

Dell PowerVault  
**Compatibility Matrix**



## Notes and Cautions



**NOTE:** A NOTE indicates important information that helps you make better use of your computer



**CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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# Overview

Dell tape solutions are tested with a wide range of platforms, backup software, and media to help ensure trouble-free, reliable performance. This matrix can help you determine if your tape backup components are compatible. See the Dell Support website at [www.support.dell.com](http://www.support.dell.com) for service and warranty related items.

 **NOTE:** Dell is providing the information in this matrix as a convenience to our customers. THE INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE AND IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. The limited warranties for Dell products are set forth exclusively in the documentation accompanying such products. Nothing herein should be construed as modifying those limited warranties in any way.

## Dell PowerVault Tape/PowerEdge Compatibility

 **NOTE:** For older Dell PowerEdge systems not listed in this document, see the PDF file attached to this document.

### Internal PowerVault Tape / HBA Compatibility

Dell LSI2032	100T DAT72
	110T LTO2-LT
	LTO3-060 IBM
	LTO3-060 TBRG
Dell PERC H200 Adapter (Non Integrated Card)	LTO3-080 IBM SAS V2
	LTO4-120HH IBM
	LTO4-120 IBM SAS
	LTO4-120HH IBM V2
	LTO5-140 IBM SAS
	LTO6-HH IBM SAS
Internal Tape Adapter (ITA)	LTO3-080 IBM SAS V2
	LTO4-120HH IBM
	LTO4-120 IBM SAS
	LTO4-120HH IBM V2
	LTO5-140 IBM SAS
	LTO6-HH IBM SAS
Onboard SATA	RD1000 Int SATA

### PowerEdge Server / Internal HBA Compatibility

	LSI 2032	H200 A	Onbrd SATA	ITA
PE T110	X		X	
PE T310	X	X	X	
PE T410	X	X	X	
PE T610	X	X	X	
PE T710	X	X	X	
PE T620				X
PE T320				X
PE T420				X

### External PowerVault Tape / HBA Compatibility

Dell-LSI2032	External	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	ML6000	Powervault 110T LTO-3 FH
	PV114T	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	PV124T	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	TL2000/4000	Powervault 110T LTO-3 FH

Dell SAS 5 E	External	PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM

	ML6000	PowerVault LTO5-140 IBM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO5-140 IBM SAS FH
	PV114T	PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120HH QTM
	PV124T	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
	TL2000/4000	PowerVault LTO3-060 IBM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO5-140 IBM SAS
	PV114X	PowerVault LTO3-060 IBM SAS
PowerVault LTO4-120HH IBM		
PowerVault LTO5-140 IBM SAS		

Dell 6Gbps SAS HBA	External	PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
		PowerVault LTO6-HH IBM SAS

Dell 6Gbps SAS	ML6000	PowerVault LTO4-120 IBM SAS
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HBA		PowerVault LTO5-140 IBM SAS FH
		PowerVault LTO6 IBM SAS
	PV114T	PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH QTM
	PV124T	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-060 QTM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
		PowerVault LTO6-HH IBM SAS
	TL2000/4000	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
		PowerVault LTO6-HH IBM SAS
PV114X	PowerVault LTO3-060 IBM SAS	
	PowerVault LTO3-080 IBM SAS V2	
	PowerVault LTO4-120HH IBM	
	PowerVault LTO4-120HH IBM V2	
	PowerVault LTO5-140 IBM SAS	
		PowerVault LTO6-HH IBM SAS

Any 1GbE (or faster) NIC	TL2000/4000	PowerVault LTO3-060 IBM SAS/iSCSI
		PowerVault LTO4-120 IBM SAS/iSCSI
		PowerVault LTO4-120HH IBM SAS/iSCSI
		PowerVault LTO5-140 IBM SAS/iSCSI
		PowerVault LTO6-HH IBM SAS/iSCSI



External USB	External	PowerVault RD1000 Ext USB
		PowerVault RD1000 Ext USB 3.0
	PV114X	PowerVault RD1000 Rack USB
		PowerVault RD1000 Rack USB 3.0

**PowerEdge Server / External HBA Compatibility**

	LSI2032	SAS 5/E	6Gbps SAS	1GbE/USB2.0
T110	X	X	X	X
T310	X	X	X	X
T410			X	X
T610	X	X	X	X
T710	X	X	X	X
R210	X		X	X
R310	X	X	X	X
R410	X	X	X	X
R510	X	X	X	X
R610	X	X	X	X
R710	X	X	X	X
R715	X		X	X
R810	X	X	X	X
R815	X		X	X
R910	X	X	X	X
R620			X	X
R720			X	X
R820			X	X
R320			X	X
T320			X	X
R420			X	X
T420			X	X
R520			X	X

### External PowerVault Tape / Brocade HBA Comaptibility

Supported Brocade HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

\* Brocade model BR815 & BR825 do not support direct attach to tape drive.

### External PowerVault Tape / Qlogic HBA Comaptibility

Supported Qlogic HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

### External PowerVault Tape / Emulex HBA Comaptibility

Supported Emulex HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

## PowerEdge Server / Fibre HBA Compatibility

	LPE11002	LPE1150	LPE12000	LPE12002	QLE220	QLE2460	QLE2462	QLE2560	QLE2562	BR825	BR815	LPE1205-M	QME2572
R710	X	X	X	X	X	X	X	X	X	X	X		
R610	X	X	X	X	X	x	X	X	X	X	X		
T610	X	X	X	X	X	X	X	X	X	X	X		
R410	X	X	X	X	X	X	X	X	X	X	X		
T410	X	X				X	X	X	X	X	X		
T710	X	X	X	X	X	X	X	X	X	X	X		
T310	X	X				X	X						
R310			X	X				X	X	X	X		
R510	X	X	X	X	X	X	X	X	X	X	X		
R910	X	X	X	X	X	X	X	X	X	X	X		
R810	X	X	X	X	X	X	X	X	X	X	X		
M910												X	X
R815	X	X	X	X	X	X	X	X	X	X	X		
R715	X	X	X	X	X	X	X	X	X	X	X		
R620			X	X		X	X	X	X	X	X		
T620			X	X		X	X	X	X	X	X		
R720			X	X		X	X	X	X	X	X		
R820			X	X		X	X	X	X	X	X		
R420			X	X		X	X	X	X	X	X		
R520			X	X		X	X	X	X	X	X		
R320			X	X		X	X	X	X	X	X		
T420			X	X		X	X	X	X	X	X		
T320			X	X		X	X	X	X	X	X		

**NOTE:** Brocade model BR815 & BR825 do not support direct attach to tape drive.

# Dell PowerVault System and Network Area Storage Compatibility

## External PowerVault Tape / HBA Compatibility

Dell-LSI2032	External	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	ML6000	Powervault 110T LTO-3 FH
	PV114T	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	PV124T	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
TL2000/4000	Powervault 110T LTO-3 FH	

Dell SAS 5 E	External	PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO5-140 IBM SAS
	ML6000	PowerVault LTO4-120 IBM SAS
		PowerVault LTO5-140 IBM SAS FH
	PV114T	PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120HH QTM
	PV124T	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
	TL2000/4000	PowerVault LTO3-060 IBM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO5-140 IBM SAS
	PV114X	PowerVault LTO3-060 IBM SAS

		PowerVault LTO4-120HH IBM
		PowerVault LTO5-140 IBM SAS

Dell 6Gbps SAS HBA	ML6000	PowerVault LTO4-120 IBM SAS
		PowerVault LTO5-140 IBM SAS FH
		PowerVault LTO6 IBM SAS
	PV114T	PowerVault LTO3-060 QTM SAS
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH QTM
	PV124T	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-060 QTM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
		PowerVault LTO6-HH IBM SAS
	TL2000/4000	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
		PowerVault LTO6-HH IBM SAS
	PV114X	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120HH IBM
PowerVault LTO4-120HH IBM V2		
PowerVault LTO5-140 IBM SAS		
PowerVault LTO6-HH IBM SAS		

Any 1GbE (or faster) NIC	TL2000/4000	PowerVault LTO3-060 IBM SAS/iSCSI
		PowerVault LTO4-120 IBM SAS/iSCSI
		PowerVault LTO4-120HH IBM SAS/iSCSI
		PowerVault LTO5-140 IBM SAS/iSCSI
		PowerVault LTO6-HH IBM SAS/iSCSI

External USB	External	PowerVault RD1000 Ext USB
		PowerVault RD1000 Ext USB 3.0
	PV114X	PowerVault RD1000 Rack USB
		PowerVault RD1000 Rack USB 3.0

### NAS/External HBA Compatibility

	LSI2032	SAS 5/E	6Gbps SAS	1GbE/USB
PV NX200	X	X	X	X
PV NX300	X	X	X	X
PV NX3000	X	X	X	X
PV NX3100	X	X	X	X
PV DL2100	X	X	X	X
PV DL2200	X	X	X	X

### External PowerVault / Brocade HBA Compatibility

Supported Brocade HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

\* Brocade model BR815 & BR825 do not support direct attach to tape drive.

### External PowerVault Tape / Qlogic HBA Compatibility

Supported Qlogic HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

### External PowerVault Tape / Emulex HBA Compatibility

Supported Emulex HBA's	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO5-140 IBM FC FH
		PowerVault LTO6 IBM FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
		PowerVault LTO4-120HH IBM FC
		PowerVault LTO5-140 IBM FC
		PowerVault LTO6-HH IBM FC

### NAS / External Fibre HBA Compatibility

	LPE11002	LPE1150	LPE12000	LPE12002	QLE220	QLE2460	QLE2462	QLE2560	QLE2562	BR825	BR815
PV NX200	X	X				X	X				
PV NX300	X	X	X	X	X	X	X	X	X	X	X
PV NX3000	X	X	X	X	X	X	X	X	X	X	X
PV NX3100	X	X	X	X	X	X	X	X	X	X	X
PV DL2100	X	X	X	X	X	X	X	X	X	X	X
PV DL2200	X	X	X	X	X	X	X	X	X	X	X

**NOTE:** Brocade model BR815 & BR825 do not support direct attach to tape drive.

# Dell PowerVault System and SAN Storage Compatibility

		Compellent Series 40	EqualLogic PS6xxx
ML6000	PowerVault LTO4-120 IBM SAS		X
	PowerVault LTO5-140 IBM SAS FH		X
	PowerVault LTO3 FC	X	
	PowerVault LTO4-120 FC	X	
	PowerVault LTO5-140 IBM FC FH	X	
TL2000/4000	PowerVault LTO3 FC	X	
	PowerVault LTO4-120 FC	X	
	PowerVault LTO4-120HH IBM FC	X	
	PowerVault LTO5-140 IBM FC	X	
TL2000/4000 (note)	PowerVault LTO3-060 IBM SAS/iSCSI	X	X
	PowerVault LTO4-120 IBM SAS/iSCSI	X	X
	PowerVault LTO4-120HH IBM SAS/iSCSI	X	X
	PowerVault LTO5-140 IBM SAS/iSCSI	X	X

**NOTE:** iSCSI is achieved via the TL24iSCSIxSAS 1Gb iSCSI to a SAS bridge card

## Dell Software & Peripheral Products

Dell Software and Peripheral (S&P) products listed are available through the [Dell Software and Peripherals](#) website. Limited testing has been performed on each S&P product and the listed Dell PowerVault System; however, the S&P products have not been certified in Dell PowerEdge servers.



## Dell Storage & Peripherals USB 3.0 Host Bus Adapters

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
Belkin 2-Port PCI Express USB 3.0	External	PowerVault RD1000 Ext USB
	PV114X	PowerVault RD1000 Rack USB
StarTech 2-Port PCI Express USB 3.0	External	PowerVault RD1000 Ext USB
	PV114X	PowerVault RD1000 Rack USB

## Backup Software Compatibility





Vendor	Application	Version	Compatibility List
Symantec	Backup Exec	2012	<a href="#">Hardware</a>
			<a href="#">Software</a>
		2010   R2   R3	<a href="#">Hardware</a>
			<a href="#">Software</a>
		12.5	<a href="#">Hardware</a>
			<a href="#">Software</a>
CommVault	Simpana	9   8	<a href="#">Hardware</a>
Computer Associates	Arcserve	16	<a href="#">Hardware</a>
			<a href="#">Software</a>
		15	<a href="#">Hardware</a>
			<a href="#">Software</a>
*Microsoft	Data Protection Manager	2010   2007	<a href="#">Hardware</a>

\* All Dell Tape drives supported in Data Protection Manager 2007 are supported in Data Protection Manager 2010.




## Media Compatibility

### LTO Drives



Drive Type	Media Type	Capacity Native	Media Compatibility	Cleaning Cartridge	General
LTO Gen1	LTO Ultrium 1 (Black)	100 GB	LTO5: Unsupported	LTO Universal Cleaning cartridge (Black)	

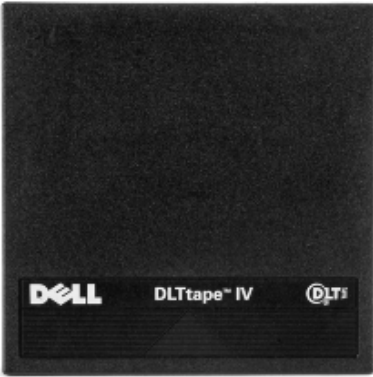

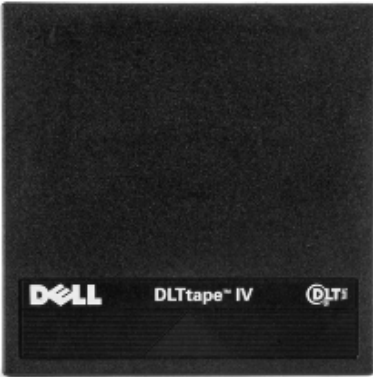

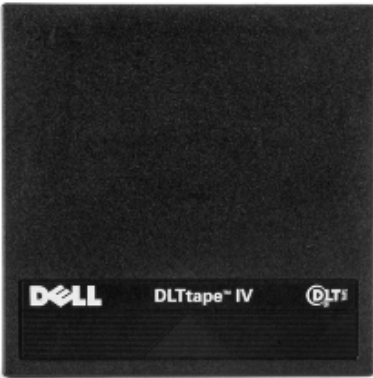

			<p>LTO4: Unsupported</p> <p>LTO3: Unsupported</p> <p>LTO2: Unsupported</p> <p>LTO1: Read &amp; Write</p>		
LTO Gen2	LTO Ultrium 2 (Purple) 	200 GB	<p>LTO5: Unsupported</p> <p>LTO4: Unsupported</p> <p>LTO3: Unsupported</p> <p>LTO2: Read &amp; Write</p> <p>LTO1: Read &amp; Write</p>	LTO Universal Cleaning cartridge (Black) 	







LTO Gen 3	<p>LTO Ultrium 3 (Blue)</p> 	400 GB	<p>LTO5: Unsupported</p> <p>LTO4: Unsupported</p> <p>LTO3: Read &amp; Write</p> <p>LTO2: Read &amp; Write</p> <p>LTO1: Read Only</p>	<p>LTO Universal Cleaning cartridge (Black)</p> 	<p>Supports WORM - Write Once, Read Many</p> <p>LTO Ultrium 3 WORM</p>  
LTO Gen 4	<p>LTO Ultrium 4 (Green)</p> 	800 GB	<p>LTO5: Unsupported</p> <p>LTO4: Read &amp; Write</p> <p>LTO3: Read &amp; Write</p> <p>LTO2: Read Only</p> <p>LTO1: Unsupported</p>	<p>LTO Universal Cleaning cartridge (Black)</p> 	<p>Supports WORM - Write Once, Read Many</p> <p>LTO Ultrium 4 WORM</p> 

LTO Gen 5	LTO Ultrium 5 (Maroon) 	1500 GB	LTO5: Read & Write LTO4: Read & Write LTO3: Read Only LTO2: Unsupported LTO1: Unsupported	LTO Universal Cleaning cartridge (Black)  	Supports WORM - Write Once, Read Many  LTO Ultrium 5 WORM
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#### DLT/VS Drives

Drive Type	Media Type/Color	Capacity Native	Backward Media Compatibility	Cleaning Module/Color	General
110T DLT4000	DLT Tape IV/Dark brown 	20 GB	n/a	DLT Cleaning Media III/Cream 	1/2" linear tape
110T DLT7000	DLT Tape IV/Dark brown	35 GB	Reads DLT Tape IV	DLT Cleaning Media III/Cream	1/2" linear

			media written by DLT 4000 drive		tape
DLT 8000	DLT Tape IV/Dark brown 	40 GB	Reads DLT Tape IV media written by DLT 7000 or DLT 4000 drives	DLT Cleaning Media III/Cream 	1/2" linear tape
110T DLT1 and 110T DLT VS80	DLT Tape IV/Dark brown 	40 GB	Reads DLT Tape IV media written by DLT 4000 drive	DLT VS Cleaning Media/Brown 	DLT1 and DLT VS80 are the same drive with the exception of the VS80 form factor being half height
110T	DLT VS1/Off-white	80 GB	Reads DLT	VS160 Cleaning	


DLT VS160			Tape IV media written by VS80 or DLT1 drives	Media/Off-white		
110T SDLT 220	<p>SDLT Tape I/Green</p> 	110 GB	Reads DLT Tape IV media written by DLT 8000, DLT 7000, DLT 4000, or DLT1/VS180 drives	SDLT Cleaning Media/Off-white		SDLT 220 requires new SDLT media
110T SDLT 320	<p>SDLT Tape 1/Green</p> 	160 GB	Reads DLT Tape IV media written by DLT 8000, DLT 7000, DLT 4000, or DLT1/VS180 drives	SDLT Cleaning Media/Off-white		SDLT 320 uses the same media as SDLT 220

### DDS/DAT Drives


Drive Type	Media Type	Capacity Native	Backward Media Compatibility	Cleaning Module	General
100T DDS4	DDS4/Black 	20 GB	Reads/writes DDS3, DDS2, and DDS1 media written by DDS3, DDS2, or DDS1 drives	DDS Cleaning Media/Black 	4 MM helical tape
100T DAT7 2	DAT72/Black 	36 GB	Reads/writes DDS4 and DDS3 media written by DDS4 or DDS3 drives	DDS Cleaning Media/Black 	4 MM helical tape

### Travan Drives

Drive Type	Media Type/Color	Capacity Native	Backward Media Compatibility	Cleaning Module	General
Travan 100T TR5	Travan 20	10 GB	n/a	Dry Process Head Cleaning Cartridge	
Travan 100T	Travan 40/Black	20 GB	Reads Travan 20 media	Dry Process Head	

TR40			written by TR5 drive	Cleaning Cartridge	
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### RD1000 Drives

Drive Type	Media Type/Color	Capacity Native	Backward Media Compatibility	Cleaning Module	General
Removable Hard Drive	SATA based hard drive. Hard drive in cartridge enclosure. 	40 GB 80 GB 120 GB 160 GB 320 GB 500 GB 640GB 1TB	All RD1000 cartridges are interchangeable with RD1000 SATA and USB drive bays.	None needed	All RD1000 cartridges are interchangeable with RD1000 SATA and USB drive bays.



# Firmware and Drivers

## Dell PowerVault Tape Drives and Removable Hard Drives – Firmware

PowerVault Tape Drive Name	Firmware Revision	Firmware Release Date	Firmware Release Number	Tape Drive Platform
Powervault 100T DAT72	A16J	17-Apr-09	R216654	Standalone
PowerVault 110T LTO2-LC	1914	03-May-10	R298293	PV124T
	1914	13-Dec-06	R143003	Standalone
	1914	13-Dec-06	R143003	PV114T
Powervault 110T LTO-3 FH	93GM	15-Mar-11	R298293	PV124T
	93GP	15-Mar-11	R296690	TL2000/4000
	93GM	22-Oct-10	R297146	ML6000
	93GP	15-Mar-11	R294530	PV114T
	93GP	15-Mar-11	R294530	Standalone
PowerVault LTO3 FC	93GM	22-Oct-10	R297146	ML6000
	93GP	15-Mar-11	R296690	TL2000/4000
PowerVault LTO3-060 IBM	93GQ	15-Mar-11	R296690	TL2000/4000
	93GQ	15-Mar-11	R294531	PV114X
	93GN	15-Mar-11	R298293	PV124T
	93GQ	15-Mar-11	R294531	Standalone
PowerVault LTO3-080 IBM SAS V2	C7R3	12-Sep-12		Standalone
	C7R3	12-Sep-12		PV114X
	C7RD	04-Dec-12		PV124T
	C7R3	04-Dec-12		TL2000/4000
PowerVault LTO3-060 QTM	2181	13-Apr-09	R214594	PV114T
	2181	03-May-10	R298293	PV124T
PowerVault LTO3-060 QTM SAS	2183	07-Jan-10	R252236	PV114T
	2183	03-May-10	R298293	PV124T

PowerVault LTO4-120 FC	C7Q0	04-Dec-12		TL2000/4000
	CTQ4	18-Dec-12		ML6000
PowerVault LTO4-120 IBM SAS	C7Q0	04-Dec-12		TL2000/4000
	C7Q4	04-Dec-12		PV124T
	C7Q0	12-Sep-12		Standalone
	CTQ4	18-Dec-12		ML6000
PowerVault LTO4-120HH IBM	C7Q1	04-Dec-12		TL2000/4000
	C7Q1	12-Sep-12		PV114X
	C7Q1	12-Sep-12		Standalone
PowerVault LTO4-120HH IBM V2	C7R3	12-Sep-12		Standalone
	C7R3	12-Sep-12		PV114X
	C7RD	04-Dec-12		PV124T
	C7R3	04-Dec-12		TL2000/4000
PowerVault LTO4-120HH QTM	2210	03-May-10	R298293	PV124T
	2210	07-Jan-10	R252239	PV114T
PowerVault LTO5-140 IBM SAS	C7R3	12-Sep-12		Standalone
	C7R3	12-Sep-12		PV114X
	C7R3	04-Dec-12		TL2000/4000
PowerVault LTO5-140 IBM FC	C7R3	04-Dec-12		TL2000/4000
PowerVault LTO5-140 IBM SAS FH	CB10	18-Dec-12		ML6000
PowerVault LTO5-140 IBM FC FH	CB10	18-Dec-12		ML6000
PowerVault LTO5-140 QTM SAS	3180	15-Mar-11	R317040	PV124T
PowerVault LTO6-HH IBM SAS	C9C1	27-Nov-12		Standalone
	C9C1	27-Nov-12		PV114X
	C9T5	04-Dec-12		TL2000/4000
	CB21	04-Dec-12		PV124T
PowerVault LTO6-FH IBM FC	CB20	18-Dec-12		ML6000
PowerVault LTO6-FH IBM SAS	CB20	18-Dec-12		ML6000
PowerVault RD1000 Ext USB 2.0	2037	21-Oct-09	R244691	Standalone
PowerVault RD1000 Ext USB 3.0	4102	05-Oct-11	R316683	Standalone
PowerVault RD1000 Int SATA	0053	21-Oct-09	R244690	Standalone
PowerVault RD1000 Rack USB 2.0	3037	13-Apr-09	R211634	PV114X
PowerVault RD1000 Rack USB 3.0	4102	05-Oct-11	R316683	PV114X

## Dell PowerVault Tape Drives and Removable Hard Drives – Drivers

**NOTE:** If the driver for your device is listed as **INBOX**, then the driver is already available with the operating system and there is no need to download a separate driver.

PowerVault Tape Drive Name	Driver Version	Driver Release Date	Driver Release Number	Driver OS Support					
				WS2000	WS2003 x86	WS2003 x64	WS2008	WS2008 R2	2012
PowerVault 100T DAT72	1.11.0.0	31-Mar-05	R97405	Yes	Yes	Yes	Yes	Yes	INBOX
PowerVault 110T LTO2-LC	3.4.0.0	16-Jun-08	R189790	No	No	No	Yes	Yes	INBOX
	3.1.2.0	14-Aug-07	R164478	Yes	Yes	Yes	No	No	
PowerVault 110T LTO2-LT	1.0.0.2	01-Nov-05	R111989	Yes	Yes	Yes	No	No	INBOX
PowerVault 110T LTO-3 FH	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.0.6.8	06-Apr-05	R97945	Yes	Yes	Yes	No	No	
PowerVault LTO3 FC	INBOX	01-Jan-08	INBOX	No	No	No	INBOX	INBOX	INBOX
	6.1.8.0	18-Aug-09	R267429	No	Yes	Yes	No	No	
PowerVault LTO3-060 IBM	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.1.8.9	18-Nov-08	R203755	Yes	Yes	Yes	No	No	
PowerVault LTO3-080 IBM SAS V2	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.1.8.9	18-Nov-08	R203755	Yes	Yes	Yes	No	No	
PowerVault LTO3-060 QTM	3.4.0.0	31-Jan-08	R177912	No	No	No	Yes	Yes	INBOX
	3.1.2.0	31-Jan-08	R177912	No	Yes	Yes	No	No	
PowerVault LTO3-060 QTM SAS	3.4.0.0	16-Jun-08	R177948	No	Yes	Yes	Yes	Yes	INBOX
PowerVault LTO3-060 TBRG	1.6.0.0	31-Jan-08	R177952	No	Yes	Yes	Yes	No	INBOX
PowerVault LTO4-120 FC	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.1.8.0	18-Aug-09	R267429	No	Yes	Yes	No	No	
PowerVault LTO4-120 IBM SAS	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.0.6.83	17-Apr-07	R149738	No	Yes	Yes	No	No	
PowerVault LTO4-120HH IBM	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.0.6.85	11-Oct-07	R169162	No	Yes	Yes	No	No	
PowerVault LTO4-120HH IBM V2	INBOX		INBOX	No	No	No	INBOX	INBOX	INBOX
	6.0.6.85	11-Oct-07	R169162	No	Yes	Yes	No	No	
PowerVault LTO4-120HH QTM	3.4.0.0	14-Jul-08	R192707	No	Yes	Yes	Yes	Yes	INBOX
PowerVault LTO5-140 IBM SAS	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault LTO5-140 IBM FC	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault LTO5-140 IBM SAS FH	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault LTO5-140 IBM FC FH	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault LTO5-140 QTM SAS	3.5.3.1	03-May-10	R276613	No	Yes	Yes	Yes	Yes	INBOX
PowerVault LTO6-HH IBM SAS	INBOX		INBOX				INBOX	INBOX	INBOX
PowerVault LTO6-FH IBM FC	INBOX		INBOX				INBOX	INBOX	INBOX
PowerVault LTO6-FH IBM SAS	INBOX		INBOX				INBOX	INBOX	INBOX
PowerVault RD1000 Ext USB	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault RD1000 Ext USB 3.0	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault RD1000 Int SATA	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault RD1000 Rack USB	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX
PowerVault RD1000 Rack USB 3.0	INBOX		INBOX	No	INBOX	INBOX	INBOX	INBOX	INBOX

## Dell PowerVault Autoloaders and Libraries - Firmware and Drivers

PowerVault Product Name	Latest Firmware Version	Firmware Release Date	Firmware Release Number	Latest Driver Version	Driver Release Date	Driver Release Number	Driver OS Support					
							WS2000	WS2003 x86	WS2003 x64	WS2008	WS2008 R2	2012
<b>TL2000/4000</b>	B.60	04-Dec-12		v6.2.3.3	29-Oct-12		No	Yes	Yes	Yes	Yes	INBOX
<b>PV124T</b>	V90	04-Dec-12		2.6.2.0	15-Mar-11	R296573	Yes	Yes	Yes	Yes	Yes	INBOX
<b>ML6000</b>	630G.GS003	18-Dec-12		7.5.2.0	17-May-10	R267429	No	Yes	Yes	Yes	Yes	INBOX
<b>PV136T</b>	4.60.05 (SNC Gen 2)	28-May-09	R222332	7.0.0.0	25-Jul-05	R105270	No	Yes	Yes	No	No	No
	4.25.04 (SNC Gen 1)											
	3.37.0001 (Library)											
	193D.00002 (Rmt Mgt Crd)											
<b>PV132T</b>	4.50.03 (SNC)	28-May-09	R222331	6.0	25-Jul-05	R105287	No	Yes	Yes	No	No	No
	310D.GY004 (LTO)											
	231D.GZ001 (SDLT)											
	210F.00002 (Rmt Mgt Card)											

## Dell PowerVault System Storage and x86 HP Server HBA Compatibility

HP HBAs are not certified in Dell servers. See the HP website for information on server/HBA compatibility.

Host Bus Adapter	Dell PowerVault™ System	Dell Tape Backup Unit
<b>External USB</b>	<b>External</b>	PowerVault RD1000 Ext USB
	<b>PV114X</b>	PowerVault RD1000 Rack USB
<b>HP SC11Xe</b>	<b>External</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	<b>ML6000</b>	Powervault 110T LTO-3 FH
	<b>PV114T</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
Powervault 110T LTO-3 FH		

		PowerVault LTO3-060 QTM
	<b>PV124T</b>	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	<b>TL2000/4000</b>	Powervault 110T LTO-3 FH
<b>HP SC44Ge</b>	<b>External</b>	PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
	<b>ML6000</b>	PowerVault LTO4-120 IBM SAS
		PowerVault LTO5-140 IBM SAS FH
	<b>PV114T</b>	PowerVault LTO4-120HH QTM
	<b>PV124T</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
	<b>TL2000/4000</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
	<b>PV114X</b>	PowerVault LTO3-060 IBM SAS

		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
<b>HP Single Channel U320 PCI-X HBA</b>	<b>External</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	<b>ML6000</b>	Powervault 110T LTO-3 FH
	<b>PV114T</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	<b>PV124T</b>	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
PowerVault LTO3-060 QTM		
<b>TL2000/4000</b>	Powervault 110T LTO-3 FH	
<b>HP StorageWorks Dual Channel U320 SCSI HBA</b>	<b>External</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	<b>ML6000</b>	Powervault 110T LTO-3 FH
	<b>PV114T</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	<b>PV124T</b>	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
PowerVault LTO3-060 QTM		
<b>TL2000/4000</b>	Powervault 110T LTO-3 FH	
<b>HP 81E</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC

	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP 81Q</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP 82E</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP 82Q</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC1142SR</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC1242SR</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC2142SR</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC2242SR</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC1143</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC1243</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC

<b>HP FC2143</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>HP FC2243</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>Any 1GbE (or faster) NIC</b>	<b>TL2000/4000</b>	PowerVault LTO3-060 IBM SAS/iSCSI
		PowerVault LTO4-120 IBM SAS/iSCSI
		PowerVault LTO4-120HH IBM SAS/iSCSI

## Dell PowerVault System Storage and x86 IBM Server HBA Compatibility

IBM HBAs are not certified in Dell servers. See the IBM website for information on server/HBA compatibility.

<b>Host Bus Adapter</b>	<b>Dell PowerVault System</b>	<b>Dell Tape Backup Unit</b>
<b>External USB</b>	<b>External</b>	PowerVault RD1000 Ext USB
	<b>PV114X</b>	PowerVault RD1000 Rack USB
<b>IBM DS4000 FC 4Gbps PCI-X Dual Port HBA</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>IBM DS4000 FC 4Gbps PCI-X Single Port HBA</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC



IBM Emulex 4 Gbps FC Single-Port PCI-e HBA for IBM System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
IBM Emulex 4 Gbps FC Single-Port PCI-X HBA for IBM System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
IBM Emulex 4 Gbps FC Dual-Port PCI-X HBA for System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
IBM Emulex 4Gbps FC Dual-Port PCI-e HBA for IBM System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
IBM Qlogic 4Gb FC Dual-Port PCIe HBA for IBM System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
IBM Qlogic 4Gb FC Single-Port PCIe HBA for IBM System x	ML6000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	TL2000/4000	PowerVault LTO3 FC
		PowerVault LTO4-120 FC

<b>IBM SMB 2-Gbps Fibre Channel HBA</b>	<b>ML6000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
	<b>TL2000/4000</b>	PowerVault LTO3 FC
		PowerVault LTO4-120 FC
<b>IBM Ultra320 SCSI PCIe Controller</b>  <a href="#">(Note1)</a>	<b>External</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	<b>ML6000</b>	Powervault 110T LTO-3 FH
	<b>PV114T</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	<b>PV124T</b>	PowerVault 110T LTO2-LC
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 QTM
	<b>TL2000/4000</b>	Powervault 110T LTO-3 FH
<b>IBM Ultra320 SCSI PCI-X Controller</b>	<b>External</b>	Powervault 100T DAT72
		PowerVault 110T LTO2-LT
		Powervault 110T LTO-3 FH
		PowerVault LTO3-060 IBM
		PowerVault LTO3-060 TBRG
	<b>ML6000</b>	Powervault 110T LTO-3 FH

	<b>PV114T</b>	Powervault 100T DAT72	
		PowerVault 110T LTO2-LC	
		Powervault 110T LTO-3 FH	
		PowerVault LTO3-060 QTM	
		<b>PV124T</b>	PowerVault 110T LTO2-LC
			Powervault 110T LTO-3 FH
			PowerVault LTO3-060 QTM
	<b>TL2000/4000</b>	Powervault 110T LTO-3 FH	
<b>Any 1GbE (or faster) NIC</b>	<b>TL2000/4000</b>	PowerVault LTO3-060 IBM SAS/iSCSI	
		PowerVault LTO4-120 IBM SAS/iSCSI	
		PowerVault LTO4-120HH IBM SAS/iSCSI	
<b>IBM SAS HBA - 25R8060</b>	<b>External</b>	PowerVault LTO3-080 IBM SAS V2	
		PowerVault LTO4-120 IBM SAS	
		PowerVault LTO4-120HH IBM	
		PowerVault LTO4-120HH IBM V2	
		PowerVault LTO5-140 IBM SAS	
	<b>ML6000</b>	PowerVault LTO4-120 IBM SAS	
		PowerVault LTO5-140 IBM SAS FH	
	<b>PV114T</b>	PowerVault LTO4-120HH QTM	
	<b>PV124T</b>	PowerVault LTO3-060 IBM SAS	
		PowerVault LTO3-080 IBM SAS V2	
PowerVault LTO4-120 IBM SAS			

		PowerVault LTO4-120HH IBM V2
		PowerVault LTO4-120HH QTM
		PowerVault LTO5-140 QTM
	<b>TL2000/4000</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
	<b>PV114X</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
	<b>IBM SAS HBA - 44E8700</b>	<b>External</b>
PowerVault LTO4-120 IBM SAS		
PowerVault LTO4-120HH IBM		
PowerVault LTO4-120HH IBM V2		
PowerVault LTO5-140 IBM SAS		
<b>ML6000</b>		PowerVault LTO4-120 IBM SAS
		PowerVault LTO5-140 IBM SAS FH
<b>PV124T</b>		PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS

		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 QTM
	<b>TL2000/4000</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120 IBM SAS
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS
	<b>PV114X</b>	PowerVault LTO3-060 IBM SAS
		PowerVault LTO3-080 IBM SAS V2
		PowerVault LTO4-120HH IBM
		PowerVault LTO4-120HH IBM V2
		PowerVault LTO5-140 IBM SAS

**Note1:** Must use a 32K block size due to known issue

# IBM AIX and HP HP-UX Compatibility Matrix

See the IBM/HP website for information on server-HBA compatibility.

AIX Versions 6.1 & 7.1		
Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
IBM FC 1905	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 1910	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 1977	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
		LTO4-120 FC
		LTO5-140 FC
IBM FC 5273	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5276	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5716	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5735	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5758	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
		LTO5-140 FC
IBM FC 5759	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5773	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5774	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5278	TL2000 & TL400	LTO3-060 SAS
		LTO3-080 SAS V2
		LTO4-120 SAS
		LTO4-120HH
		LTO4-120HH V2
		LTO5-140 SAS
	ML6000	LTO4-120 IBM SAS
		LTO5-140 IBM SAS FH
	124T	LTO3-060 IBM SAS
		LTO3-080 IBM SAS V2
		LTO4-120 IBM SAS
		LTO4-120HH IBM V2
LTO5-140 QTM		
IBM FC 5900	TL2000 & TL400	LTO3-060 SAS



Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit	
		LTO3-080 SAS V2	
		LTO4-120 SAS	
		LTO4-120HH	
		LTO4-120HH V2	
		LTO5-140 SAS	
	ML6000	LTO4-120 IBM SAS	
		LTO5-140 IBM SAS FH	
	124T	LTO3-060 IBM SAS	
		LTO3-080 IBM SAS V2	
		LTO4-120 IBM SAS	
		LTO4-120HH IBM V2	
		LTO5-140 QTM	
	IBM FC 5901	TL2000 & TL400	LTO3-060 SAS
			LTO3-080 SAS V2
			LTO4-120 SAS
LTO4-120HH			
LTO4-120HH V2			
LTO5-140 SAS			
ML6000		LTO4-120 IBM SAS	
		LTO5-140 IBM SAS FH	
124T		LTO3-060 IBM SAS	
		LTO3-080 IBM SAS V2	
		LTO4-120 IBM SAS	
		LTO4-120HH IBM V2	
		LTO5-140 QTM	
IBM FC 5912		TL2000 & TL400	LTO3-060 SAS
			LTO3-080 SAS V2
	LTO4-120 SAS		
	LTO4-120HH		
	LTO4-120HH V2		
	LTO5-140 SAS		
	ML6000	LTO4-120 IBM SAS	
		LTO5-140 IBM SAS FH	
	124T	LTO3-060 IBM SAS	
		LTO3-080 IBM SAS V2	
		LTO4-120 IBM SAS	

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
		LTO4-120HH IBM V2
		LTO5-140 QTM
IBM FC 1905	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 1910	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 1977	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5273	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5276	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit
		LTO5-140 FC
IBM FC 5716	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5735	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5758	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5759	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
IBM FC 5773	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit	
IBM FC 5774	TL2000 & TL400	LTO3 FC	
		LTO4-120 FC	
		LTO4-120-HH FC	
		LTO5-140 FC	
	ML6000	LTO3 FC	
		LTO4-120 FC	
LTO5-140 FC			
IBM FC 5278	TL2000 & TL400	LTO3-060 SAS	
		LTO3-080 SAS V2	
		LTO4-120 SAS	
		LTO4-120HH	
		LTO4-120HH V2	
		LTO5-140 SAS	
	ML6000	LTO4-120 IBM SAS	
		LTO5-140 IBM SAS FH	
	124T	LTO3-060 IBM SAS	
		LTO3-080 IBM SAS V2	
		LTO4-120 IBM SAS	
		LTO4-120HH IBM V2	
		LTO5-140 QTM	
	IBM FC 5900	TL2000 & TL400	LTO3-060 SAS
			LTO3-080 SAS V2
LTO4-120 SAS			
LTO4-120HH			
LTO4-120HH V2			
LTO5-140 SAS			
ML6000		LTO4-120 IBM SAS	
		LTO5-140 IBM SAS FH	
124T		LTO3-060 IBM SAS	
		LTO3-080 IBM SAS V2	
		LTO4-120 IBM SAS	
		LTO4-120HH IBM V2	
		LTO5-140 QTM	
IBM FC 5901		TL2000 & TL400	LTO3-060 SAS
			LTO3-080 SAS V2
	LTO4-120 SAS		

Host Bus Adapter	Dell PowerVault System	Dell Tape Backup Unit	
		LTO4-120HH	
		LTO4-120HH V2	
		LTO5-140 SAS	
	ML6000		LTO4-120 IBM SAS
			LTO5-140 IBM SAS FH
	124T		LTO3-060 IBM SAS
			LTO3-080 IBM SAS V2
			LTO4-120 IBM SAS
			LTO4-120HH IBM V2
			LTO5-140 QTM
	IBM FC 5912	TL2000 & TL400	LTO3-060 SAS
			LTO3-080 SAS V2
LTO4-120 SAS			
LTO4-120HH			
LTO4-120HH V2			
LTO5-140 SAS			
ML6000			LTO4-120 IBM SAS
			LTO5-140 IBM SAS FH
124T			LTO3-060 IBM SAS
			LTO3-080 IBM SAS V2
			LTO4-120 IBM SAS
			LTO4-120HH IBM V2
			LTO5-140 QTM

HPUX Versions 11iv2 (11.23) & 11iv3 (11.31)			
AB378A	TL2000 & TL400	LTO3 FC	
		LTO4-120 FC	
		LTO4-120-HH FC	
		LTO5-140 FC	
	ML6000		LTO3 FC
			LTO4-120 FC
LTO5-140 FC			
AB378B	TL2000 & TL400	LTO3 FC	
		LTO4-120 FC	

	ML6000	LTO4-120-HH FC
		LTO5-140 FC
		LTO3 FC
		LTO4-120 FC
		LTO5-140 FC
AB379A	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
AB379B	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
AH400A	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
AH401A	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
AH402A	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC

	ML6000	LTO3 FC
		LTO4-120 FC
		LTO5-140 FC
AH403A	TL2000 & TL400	LTO3 FC
		LTO4-120 FC
		LTO4-120-HH FC
		LTO5-140 FC
	ML6000	LTO3 FC
		LTO4-120 FC
LTO5-140 FC		
AH303A	TL2000 & TL400	LTO3-060 SAS
		LTO3-080 SAS V2
		LTO4-120 SAS
		LTO4-120HH
		LTO4-120HH V2
		LTO5-140 SAS
	ML6000	LTO4-120 IBM SAS
		LTO5-140 IBM SAS FH
	124T	LTO3-060 IBM SAS
		LTO3-080 IBM SAS V2
		LTO4-120 IBM SAS
		LTO4-120HH IBM V2
		LTO5-140 QTM

**NOTE:** Additional drivers may be obtained from the following link: <https://www-304.ibm.com/support/docview.wss?rs=577&uid=ssg1S7002972&wv=1>

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