



HP Data Protector Express

Hardware and Software Compatibility Matrix

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Scope and Limitations

This document contains the operating systems, applications and backup devices tested by HP to be compatible with **Data Protector Express 3.5 SP2 (new entries with this release are listed in bold)**. HP provides best efforts to test and support Data Protector Express with as many different operating systems, service packs, applications and hardware devices as possible and as demanded by customers. However, due to the large number of software and hardware combinations, it is not possible to test all combinations. If a particular device, service pack or version is not included in this document it may be compatible with Data Protector Express but has not been tested by HP with Data Protector Express. To deliver the comprehensive HP support, this support is only valid when Data Protector Express is used in combination with software and hardware listed in this document.

Operating System Support

Component	Operating system ¹
Backup Server, Media Server	Microsoft Windows Unified Data Storage Server (incl. R2) Microsoft Windows Server 2003 Enterprise Edition (incl. R2) Microsoft Windows Server 2003 Standard Edition (incl. R2) Microsoft Windows Storage Server 2003 (incl. R2) ² Microsoft Windows 2000 Advanced Server SP4 Microsoft Windows 2000 Server SP4 Microsoft Windows Small Business 2003 Server Premium (incl. R2) Microsoft Windows Small Business 2003 Server Standard (incl. R2) Microsoft Windows Small Business Server 2000 SP4 Microsoft Windows XP Professional SP2 Microsoft Windows XP Home SP2 Microsoft Windows 2000 Professional SP4 Red Hat Enterprise Linux (WS/ES/AS) 5 ³ Red Hat Enterprise Linux (WS/ES/AS) 4 Red Hat Enterprise Linux (WS/ES/AS) 3 SuSE Linux Enterprise Server 10 SuSE Linux Enterprise Server 9 NetWare 6.5 SP2 NetWare 6.0 SP3
Server Backup Agents	Microsoft Windows Unified Data Storage Server (incl. R2) Microsoft Windows Server 2003 Enterprise Edition (incl. R2) Microsoft Windows Server 2003 Standard Edition (incl. R2) Microsoft Windows Storage Server 2003 (incl. R2) Microsoft Windows 2000 Advanced Server SP4 Microsoft Windows 2000 Server SP4 Microsoft Windows Small Business 2003 Server Premium (incl. R2) Microsoft Windows Small Business 2003 Server Standard (incl. R2) Microsoft Windows Small Business Server 2000 SP4 Red Hat Enterprise Linux (WS/ES/AS) 4

¹ Where Service Packs, Updates or Support Packs are given, these are the minimum levels required for Data Protector Express to run on the listed operating system. Higher versions are supported.

² Microsoft Windows Storage Server 2003 is supported with HP ProLiant Storage Servers

³ Intermittently the Linux sgio driver will cause a system to hang. This can happen with SCSI connected devices on systems running kernel version 2.6.18. For your safety we check this kernel version and disable all devices, which would use the sgio driver. Once you update to a newer kernel the system will work correctly.

At your own risk you can activate the sgio driver by adding the following lines in the .ini files located in the "config" directory:

```
In dpconfig.ini:
[Linux SG Driver]
skipKernelVersionCheck=yes
In dpdetect.ini:
[lin]
limit1BlockTransfers=no
```

Component	Operating system ¹
	Red Hat Enterprise Linux (WS/ES/AS) 3 SuSE Linux Enterprise Server 10 ³ SuSE Linux Enterprise Server 9 NetWare 6.5 SP2 NetWare 6.0 SP3
Desktop Backup Agents	Microsoft Windows Vista ⁴ Microsoft Windows XP Professional Microsoft Windows 2000 Professional SP4
Microsoft Small Business Server Package ⁵	Microsoft Windows Small Business 2003 Server Premium (incl. R2) Microsoft Windows Small Business 2003 Server Standard (incl. R2) Microsoft Windows Small Business Server 2000 SP4
Operating systems no longer supported with Data Protector Express 3.5	Microsoft Windows NT4 Server SP6A SuSE Linux Enterprise Server 8 NetWare 5.1 SP8

Platform Support by Operating System

Operating system	Supported processor platform
Microsoft Windows	x86 (for 32-bit Windows)
Microsoft Windows	x86_64 (for 64-bit Windows)
Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 4 Red Hat Enterprise Linux 3 SuSE Linux Enterprise Server 10 SuSE Linux Enterprise Server 9	x86 (for 32-bit Linux)
Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 4 SuSE Linux Enterprise Server 10 SuSE Linux Enterprise Server 9	x86_64 (for 64-bit Linux)
NetWare	x86

File System Support by Operating System

Operating system	File systems
Windows	NTFS, including Microsoft Windows Volume Shadow Services (VSS) FAT16

⁴ File system backup supported, not system protection and disaster recovery

⁵ Note that because the Data Protector Express Microsoft Exchange and Data Protector Express Microsoft SQL Server Online Backup Agents run on the Microsoft Small Business Server operating system the application specific procedures must be followed as described in the backup section of the Data Protector Express Users Guide.

	FAT32 CIFS
Linux (Red Hat, SuSE)	ext3, ext2 ReiserFS VFAT jfs, xfs
NetWare	NetWare FS (classic volumes) Supported namespaces: MAC, NFS, OS/2 (LONG), DOS NSS (Netware NSS volumes)

Online Backup Agent Application Support⁶

Application	Supported versions ⁷
Microsoft SQL Server	Microsoft SQL Server 2005: Windows 2003 Microsoft SQL Server 2005: Windows 2000 Microsoft SQL Server 2005: Windows XP Microsoft SQL Server 2000: Windows 2003 (32-bit) Microsoft SQL Server 2000: Windows 2000 Microsoft SQL Server 7.0: Windows 2000
Microsoft Exchange Server ⁸	Microsoft Exchange 2007 Server: Windows 2003 Microsoft Exchange 2003 Server: Windows 2000 SP3 Microsoft Exchange 2003 Server: Windows 2003 (32-bit) Microsoft Exchange Server 2000: Windows 2000
Microsoft Windows SharePoint Services	Microsoft Windows SharePoint Services 2.0 SP1 Microsoft Windows SharePoint Services 3.0

⁶ Only those combinations of applications and operating systems that are supported by Microsoft are supported by Data Protector Express.

⁷ Where Service Packs, Updates or Support Packs are given, these are the minimum levels required for Data Protector Express to run on the listed operating system. Higher versions are supported.

⁸ Single Mailbox and Single Folder Restore is not supported.

HP Tape Devices

Model	Format	Interface	Inquiry String ⁹	OBDR ¹⁰
HP SureStore Tape 2000 (DDS-1 2GB)	DAT	SCSI	HP*****35470A	no
HP SureStore Tape 5000 (DDS-1 2/4 GB)	DAT	SCSI	HP*****35480A	no
HP SureStore DAT8 (DDS-2 4/8GB)	DAT	SCSI	HP*****C1533A	no
HP SureStore DAT24 (DDS-3 12/24GB)	DAT	SCSI	HP*****C1537A	yes
HP StorageWorks DAT24 (DDS-3 12/24GB)	DAT	USB	HP*****C1537A	yes
HP SureStore DAT40 (DDS-4 20/40GB)	DAT	SCSI	HP*****C5683A	yes
HP StorageWorks DAT40 (DDS-4 20/40GB)	DAT	SCSI	HP*****C5683A	yes
HP StorageWorks DAT40 (DDS-4 20/40GB)	DAT	USB	HP*****C5683A	yes

⁹The "*" character denotes a space in the inquiry string.

¹⁰The HP One-Button Disaster Recovery feature (OBDR) allows a system to boot from a locally attached tape drive with any full backup tape loaded with no additional preparation steps required. OBDR is supported via the Data Protector Express Bare Metal Disaster Recovery option. Data Protector Express supports OBDR on HP ProLiant servers on all supported Windows and Linux operating systems but not on NetWare.

The following ProLiant specific requirements must be met:

If the tape drive is connected using embedded U320 SCSI controller, the firmware must be a minimum of 5.05.19
 For the ProLiant ML350 G4: Download system ROM dated 8/16/2005 or later
 For the ProLiant ML370 G4: Download system ROM dated 11/09/2005 or later
 For the ProLiant ML570 G3: Download system ROM dated 10/25/2005 or later

If the tape drive is connected using the single channel (374654-B21) U320 SCSI HBA or the dual channel (268351-B21) U320 SCSI HBA the firmware needs to be minimum of 5.05.20

If the tape drive is connected via the Smart Array SA5x RAID controller (embedded or HBA) OBDR is not supported.

If the tape drive is connected to the ProLiant, running Linux, using the Smart Array SA6x controller (embedded or HBA), the following CCISS driver is required:

RHEL3 minimum version 2.4.60-8
 SUSE8 minimum version 2.4.60-8
 RHEL4 minimum version 2.6.10-8
 SUSE9 minimum version 2.6.10-8

If the tape drive is connected to the ProLiant, running Linux, using a LSI U320 SCSI controller (embedded and HBA) the following non-RAID drivers are required:

RHEL3 minimum version 2.06.24-4
 SUSE8 minimum version 2.06.24-4
 RHEL4 minimum version 3.02.56-4
 SUSE9 minimum version 3.02.56-4

These referenced drivers are available on <http://www.hp.com>

For the latest information please see <http://www.hp.com/go/obdr>

Model	Format	Interface	Inquiry String ⁹	OBD10
HP StorageWorks DAT72 (DDS-5 36/72GB)	DAT	SCSI	HP*****C7438A	yes
HP StorageWorks DAT72 (DDS-5 36/72GB)	DAT	USB	HP*****C7438A	yes
HP StorageWorks DAT160 (DDS-6 80/160GB)	DAT	SCSI	HP*****DAT160	yes
HP StorageWorks DAT160 (DDS-6 80/160GB)	DAT	USB	HP*****DAT160	yes
HP StorageWorks DAT160 (DDS-6 80/160GB)	DAT	SAS	HP*****DAT160	yes
HP StorageWorks Value Smart VS80 (337699-B21/337699-B22/337699-B31/337699-291)	DLT	SCSI	HP*****DLT*VS80	no
HP StorageWorks Value Smart VS160	DLT	SCSI	HP*****DLT*VS160	no
HP SureStore DLT VS-80 (C7501 OEM variant)	DLT	SCSI	BNCHMRK*DLT1 BNCHMARKDLT1	no
HP SureStore DLT40	DLT	SCSI	QUANTUM*DLT4000	no
HP SureStore DLT80	DLT	SCSI	QUANTUM*DLT8000	no
HP StorageWorks SDLT 320 (257319-001/257319-291/257319-B21/257319-B31)	DLT	SCSI	COMPAQ**SDLT320	yes
HP StorageWorks SDLT 600 (320A7518A/A7519A/A7520A/A7521A/A7522A)	SDLT	SCSI	COMPAQ**SDLT600	yes
HP StorageWorks Ultrium 215 (Ultrium 1 Half Height)	LTO	SCSI	HP*****Ultrium*1-SCSI	yes
HP StorageWorks Ultrium 230 (Ultrium 1 Full Height)	LTO	SCSI	HP*****Ultrium*1-SCSI	yes
HP StorageWorks Ultrium 232 (Ultrium 1 Half Height)	LTO	SCSI	HP*****Ultrium*1-SCSI	yes
HP StorageWorks Ultrium 448 (Ultrium 2 Half Height)	LTO	SCSI	HP*****Ultrium*2-SCSI	yes
HP StorageWorks Ultrium 448 SAS (Ultrium 2 Half Height)	LTO	SAS	HP*****Ultrium*2-SCSI	yes
HP StorageWorks Ultrium 460 (Ultrium 2 Full Height)	LTO	SCSI	HP*****Ultrium*2-SCSI	yes
HP StorageWorks Ultrium 920 (Ultrium 3 Half Height)	LTO	SCSI	HP*****Ultrium*3-SCSI	yes
HP StorageWorks Ultrium 920 (Ultrium 3 Half Height)	LTO	SAS	HP*****Ultrium*3-SCSI	yes
HP StorageWorks Ultrium 960 (Ultrium 3 Full Height)	LTO	SCSI	HP*****Ultrium*3-SCSI	yes
HP StorageWorks Ultrium 1760 (Ultrium 4 Half Height)	LTO	SAS	HP*****Ultrium*4-SCSI	yes
HP StorageWorks Ultrium 1840 (Ultrium 4 Full Height)	LTO	SCSI	HP*****Ultrium*4-SCSI	yes
HP StorageWorks Ultrium 1840 (Ultrium 4 Full Height)	LTO	SAS	HP*****Ultrium*4-SCSI	yes

For details on Operating System Support, please check www.hp.com/go/connect

HP Tape Autoloaders

Model	Format	Slots / Drives	Interface	Inquiry String ¹¹
HP SureStore 12000 DAT8 Autoloader (DDS-2 Six Tape Autoloader)	DAT	6/1	SCSI	HP*****C1553A
HP SureStore DAT24x6 Autoloader (DDS-3 Six Tape Autoloader)	DAT	6/1	SCSI	HP*****C1557A
HP SureStore DAT40x6 Autoloader (DDS-4 Six Tape Autoloader)	DAT	6/1	SCSI	HP*****C5713A
HP StorageWorks DAT72x6 Autoloader (DAT72 Six Tape Autoloader)	DAT	6/1	SCSI	HP*****DAT72x6
HP StorageWorks DAT72x10 Autoloader (DAT72 Ten Tape Autoloader)	DAT	10/1	SCSI	HP*****C7438A
HP StorageWorks VS80 1/8 Autoloader (C9264CB)	DLT	8 / 1	SCSI	HP*****C9264CB-VS80
HP StorageWorks 1/8 DLT vs80 Autoloader (Library ID : HP C9264CB-VS80)	DLT	8 / 1	SCSI	HP*****C9264CB-VS80
HP SureStore 1/9 Autoloader (C71451) DLT, Ultrium	LTO / DLT	9 / 1	SCSI	HP*****C7145-8000
HP StorageWorks 1/8 Autoloader (ThinStor) DLT, Ultrium	LTO / SDLT	8 / 1	SCSI	HP*****ThinStor*AutolDr
HP StorageWorks 1/8 G2 Tape Autoloader	LTO	8 / 1	SCSI, SAS	HP*****1x8*G2*AutolDr

HP Tape Library Systems¹²

Model	Format	Interface	Inquiry String	OBDR Support
HP StorageWorks MSL2024	LTO	SCSI, SAS	HP MSL G3	No
HP StorageWorks MSL2024	LTO	Fibre Channel ¹³	HP MSL G3	No
HP StorageWorks MSL4048	LTO	SCSI, SAS	HP MSL G3	No
HP StorageWorks MSL4048	LTO	Fibre Channel ¹³	HP MSL G3	No

¹¹ The "*" character denotes a space in the inquiry string

¹² Please see Customer Advisory C00743086 for more details - HP Data Protector Express Version 3.1 may generate a tape mount request when using multi drive versions of HP StorageWorks MSL tape libraries

¹³ Peer to peer connection supported (no device sharing). Currently no BMDR support of the host system.

HP Virtual Tape Library Systems

Model	Format Emulation	Interface	Inquiry String	Support versions
HP StorageWorks VLS 1000 Series	LTO	iSCSI	HP VLS 1000	
HP StorageWorks D2D 110 Backup System	LTO	iSCSI	HP D2DBS (loader) HP ThinStor AutoLdr (loader) HP Ultrium 2-SCSI	1.0, 1.1
HP StorageWorks D2D 110 Backup System	LTO	iSCSI	HP D2DBS (loader) HP ThinStor AutoLdr (loader) ¹⁴ HP Ultrium 2-SCSI HP*****1x8*G2*AutoLdr	1.2
HP StorageWorks D2D 120 Backup System	LTO	iSCSI	HP D2DBS (loader) HP ThinStor AutoLdr (loader) HP Ultrium 2-SCSI	1.0, 1.1
HP StorageWorks D2D 120 Backup System	LTO	iSCSI	HP D2DBS (loader) HP ThinStor AutoLdr (loader) ¹⁴ HP Ultrium 2-SCSI HP*****1x8*G2*AutoLdr	1.2

¹⁴ 'HP ThinStor Autoldr (loader)' will only be visible if the firmware was upgraded from D2D Backup System 1.0/1.1 to D2D Backup System 1.2 with a ThinStor device already configured.

Third Party Tape Devices

Model	Format	Interface
Certance STD 2200N DDS-1	DAT	SCSI
Certance STD 2400N DDS-1 w/compression	DAT	SCSI
Certance STD 224000N DDS-3	DAT	SCSI
Certance STD 240LW DDS-4 Scorpion 40	DAT	SCSI
Certance DAT 72	DAT	SCSI
Certance STD 28000N DDS-2	DAT	SCSI
Certance CL400 Ultrium 1	LTO	SCSI
Certance CL400H Ultrium 2	LTO	SCSI
Certance CL 800 LTO Ultrium 3	LTO	SCSI
Dell PowerVault 100T DDS4	DAT	SCSI
Dell PowerVault 100T Dat72	DAT	SCSI
Dell PowerVault 114T Dat72	DAT	SCSI
Dell PowerVault 110T DLT VS80	DLT	SCSI
Dell PowerVault 110T VS160	DLT	SCSI
Dell PowerVault 114T VS160	DLT	SCSI
Dell PowerVault 110T SDLT320	DLT	SCSI
Dell PowerVault 114T SDLT320	DLT	SCSI
Dell PowerVault 110T LTO	LTO	SCSI
Dell PowerVault 110T LTO-2	LTO	SCSI
Dell PowerVault 114T LTO-2-L	LTO	SCSI
Dell PowerVault 110T LTO-3	LTO	SCSI
Dell PowerVault 110T LTO-3-L	LTO	SCSI
Dell PowerVault LTO-4-120	LTO	SAS
Exabyte VXA-1 Packet Tape Drive	8mm	SCSI
Exabyte VXA-2 Packet Tape Drive	8mm	SCSI / IDE
Exabyte VXA-172 and VXA-320 Packet Tape Drive ¹⁵	8mm	SCSI
Exabyte ULT 3580 LTO1	LTO	SCSI

¹⁵ Windows and Linux, not NetWare.

Model	Format	Interface
Exabyte ULT 3580-TD2 LTO2	LTO	SCSI
Exabyte ULT 3580-TD3 LTO3	LTO	SCSI
IBM Ultrium 1	LTO	SCSI
IBM Ultrium 2	LTO	SCSI
IBM Ultrium 3	LTO	SCSI
IBM Ultrium 4	LTO	SAS
Quantum VS80	DLT	SCSI
Quantum VS160 Benchmark Version	DLT	SCSI
Quantum DLT-S4	DLT	SCSI
Quantum DLT-V4	DLT	SCSI
Quantum DLT 8000	DLT	SCSI
Quantum SDLT 220	DLT	SCSI
Quantum SDLT 320	DLT	SCSI
Quantum SDLT 600	DLT	SCSI
Quantum DAT160 (ID: Quantum*DAT***DAT160-000)	DAT	SCSI
Quantum DAT160 (ID: Quantum*DAT***DAT160-000)	DAT	USB
Quantum DAT160 (ID: Quantum*DAT***DAT160-000)	DAT	SAS
Quantum LTO-2	LTO	SCSI
Quantum LTO-2 HH	LTO	SCSI
Quantum LTO-3	LTO	SCSI
Quantum LTO-3 HH	LTO	FC
Quantum LTO-3 HH	LTO	SAS
Quantum LTO-3 HH	LTO	SCSI
Sony SDX-400V AIT-1	AIT	SCSI
Sony SDX-500V AIT-2	AIT	SCSI
Sony SDX-300C AIT-1	AIT	SCSI
Sony SDX-400C AIT-1	AIT	SCSI
Sony SDX-420C AIT-1	AIT	IDE
Sony SDX-500C AIT-2	AIT	SCSI

Model	Format	Interface
Sony SDX-520C AIT-2	AIT	IDE
Sony SDX-700C AIT-3	AIT	SCSI
Sony SDX-420V AIT-1	AIT	IDE
Sony SDX-700V AIT-3	AIT	SCSI
Sony SDX-250V AIT-E	AIT	SCSI
Sony SDX-450V AIT-1	AIT	SCSI
Sony SDX-550V AIT-2	AIT	SCSI
Sony SDX-900V AIT-4	AIT	SCSI
Sony SDX-1100 AIT-5	AIT	SCSI
Sony SDX-560V AIT-2	AIT	IDE
Sony SDX-520V AIT-4	AIT	IDE
Sony SDX-260V AIT-E	AIT	IDE
Sony SDX-460V, IDE AIT-1	AIT	SCSI
Sony SDX-460V, AITe100-UL	AIT	USB
Sony SDX-560V, AITe200-UL	AIT	USB
Sony SDX-870V, AIT-3Ex	AIT	SATA
Sony SDZ-100 SAIT-1	AIT	SCSI
Sony SDT-7000 DDS2	DAT	SCSI
Sony SDT-9000 DDS2	DAT	SCSI
Sony SDT-10000 DDS4	DAT	SCSI
Sony SDT-11000 DDS4	DAT	SCSI
Sony SDT-2000 DDS-1	DAT	SCSI
Sony SDT-4000 DDS-1	DAT	SCSI
Sony SDT-5000 DDS-1	DAT	SCSI
Sony SDT-5200 DDS-1	DAT	SCSI
STK 9840	DLT	SCSI
SUN Half Height LTO 3 (HP) U320	LTO	SCSI
SUN Half height LTO 3 (HP) SAS	LTO	SAS
Tandberg SDLT220	DLT	SCSI

Model	Format	Interface
Tandberg SDLT320	DLT	SCSI
Tandberg DLT 8000	DLT	SCSI
Tandberg DLT-V4	DLT	SCSI
Tandberg 220 LTO	LTO	SCSI
Tandberg 420 LTO (also called Tandberg TS400)	LTO	SCSI
Tandberg 820 LTO (also called Tandberg TS800)	LTO	SCSI
Tandberg 1640 LTO (also called LTO-4 FH)	LTO	SAS
Tandberg SLR140 70/140 GB	QIC	SCSI
Tandberg SLR75 38/75 GB (identifies as SLR60)	QIC	SCSI
Tandberg SLR6/SLR24 12/24 GB	QIC	SCSI
Tandberg SLR32/MLR1/TDC 6100 16/32 GB	QIC	SCSI
Tandberg SLR40 20/40 GB	QIC	SCSI
Tandberg SLR50/MLR3 25/50 GB	QIC	SCSI
Tandberg SLR60 30/60 GB	QIC	SCSI
Tandberg SLR100 50/100 GB	QIC	SCSI

Third Party Tape Autoloaders and Libraries

Model	Format	Slots / Drives	Interface
ADIC FastStore	DLT, LTO	7 / 1	SCSI
ADIC Scalar i500	DLT, LTO	36 / 2	FC
ADIC Scalar i500	DLT, LTO	36 / 2	SCSI
BDT ThinStor	DLT VS, DLT, SDLT, LTO	8 / 1	SCSI
BDT ThinStorPlus	SDLT, LTO	8 / 1	SCSI
Certance LTO2 Autoloader	LTO	8 / 1	SCSI
Certance DAT 240	DAT	6 / 1	SCSI
Certance DAT 96	DAT	6 / 1	SCSI
Certance LTO Autoloader	LTO	8 / 1	SCSI
Certance LTO3 Autoloader	LTO	8 / 1	SCSI
Dell PV-120T	DAT	8 / 1	SCSI
Dell PV-122T	DLT, LTO	8 / 1	SCSI

Dell PV-124T	DLT, SDLT, LTO	10 / 1	SCSI
Dell ML6000	LTO	36 / 2	FC
Dell ML6000	LTO	36 / 2	SCSI
Dell TL2000	LTO	24 / 2	SAS
Dell TL2000	LTO	24 / 2	SCSI
Dell TL4000	LTO	24 / 2	SAS
Dell TL4000	LTO	24 / 2	SCSI
Exabyte PacketLoader 1x7 identifies as EZ17	VXA-2,	7 / 1	SCSI
Exabyte PacketLoader 1x10 2U	VXA-2	10 / 1	SCSI
Exabyte PacketLoader 1x10 1U	VXA-2	10 / 1	SCSI
IBM ULT 3581-TA	LTO	7 / 1	SCSI
Exabyte Magstar 3590	Magstar	10 / 1	SCSI
Exabyte Magstar MP 3570	Magstar	10 / 1 or 2	SCSI
Exabyte StorageLoader	LTO	8 / 1	SCSI
Gateway E-826R SuperLoader3	LTO	8 / 1	SCSI
IBM ULT 3581-TA	LTO	7 / 1	SCSI
Overland LoaderXpress (LXL)	DLT, SuperDLT, LTO	10 / 1	SCSI
Quantum PX500	SuperDLT	24 / 1	SCSI
Quantum SuperLoader	DLT, SDLT, LTO	16 / 1	SCSI
Quantum SuperLoader 3	SDLT, LTO	16 / 1	SCSI
Sony IIB-D81	AIT-1, AIT-2, AIT-3, AIT-4, AIT-5	8 / 1	SCSI
Sony IIB-81	AIT-1, AIT-2, AIT-3, AIT-4, AIT-5	8 / 1	SCSI
Sony IIB-162	AIT-1, AIT-2, AIT-3, AIT-4, AIT-5	16 / 2	SCSI
Sony TSL-7000 DDS-2	DAT	8 / 1	SCSI
Sony TSL-9000 DDS-3	DAT	8 / 1	SCSI
Sony TSL-10000 DDS-4	DAT	8 / 1	SCSI
Sony TSL-11000 DDS-4	DAT	8 / 1	SCSI
Sony TSL-A300C AIT-1	AIT	4 / 1	SCSI
Sony TSL-A400C AIT-1	AIT	4 / 1	SCSI

Sony TSL-A500C AIT-2	AIT	4 / 1	SCSI
Sun StorageTek SL24 Tape Library	LTO	24 / 2	SCSI, SAS
Sun StorageTek SL48 Tape Library	LTO	48 / 4	SCSI, SAS
Tandberg StorageLoader LTO3	LTO	16 / 1	SCSI
Tandberg StorageLoader	LTO	8 / 1	SCSI
Tandberg StorageLoader VXA	VXA	10 / 1	SCSI

HP CD & DVD Writers

Model	Inquiry String ¹⁶	Interface	Supported media (write)	Operating System(s)
HP DVD Movie Writer DC4000	HP DC4000	USB	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows, Linux, Novell
HP 24X Combo Drive (DC364B)	HL-DT-ST RW DVD GCC-4241N	USB ¹⁷	CD-R, CD-RW, DVD-ROM	Windows, Linux, Novell
HP DVD+R/RW 8X Slim (383975-B21)	TEAC DVD-W28EW	IDE	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows, Linux, Novell
HP CD-RW/DVD-ROM 48X Combo Drive Option Kit (331346-B21)	HL-DT-ST RW DVD GCC-4482B	IDE	CD-R, CD-RW	Windows, Linux, Novell
HP 16X Half Height DVD+RW Drive (383974-B21)	HL-DT-ST DVDRRW GWA-4166B	IDE	CD-R, CD-RW, DVD-R, DVD+R, DVD+RW, DVD-RW	Windows, Linux, Novell
HL-DT-ST	HL-DT-ST GCC-4480B	IDE	CD-R, CD-RW	Windows, Linux, Novell
HP / TEAC	TEAC DW-224E	IDE	CD-R, CD-RW	Windows, Linux, Novell
HP UltraSpeed +	GCE-8487B	IDE	CD-R, CD-RW	Windows, Linux, Novell
HL-DT-ST DVDRW	GWA-4166B	IDE	CD-R, CD-RW, DVD-R, DVD+R, DVD-RW	Windows, Linux, Novell
LITE-ON COMBO SOHC-4836K	LITE-ON COMBO SOHC-4836K	IDE	CD-R, CR-RW	Windows, Linux, Novell

¹⁶ With Data Protector Express running the Inquiry String is seen by selecting the device (Favorites/Devices) then opening the diagnostics window (Commands/Diagnostics) and looking at the Device Inquiry Information.

¹⁷ Requires USB cradle DC373B.

Third Party CD & DVD Writers

Model	Inquiry String ¹⁸	Interface	Supported media (write)	Operating System(s)
Plextor -712UF	Plextor PX-712A	USB	CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows
Plextor -504UF	Plextor CD-R PX-W5224A	USB	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows
Samsung SW-2525	Samsung SW-2525	IDE, USB	CD-RW	Windows, Linux, Novell
Plextor -712UF	Plextor PX-712A	USB	CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows
Plextor -504UF	Plextor CD-R PX-W5224A	USB	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows
Samsung SW-2525	Samsung SW-2525	IDE, USB	CD-RW	Windows, Linux, Novell
NEC DVD ND-6500A SlimWriter 8.5GB	NEC DVD ND-6500A	IDE	CD-R, CD-RW, DVD+R, DVD-R, DVD+RW, DVD-RW	Windows
LG GCE-8483B		IDE	CD-RW	Windows, Linux, Novell
Lacie (NEC DVD-RW ND-2500A)	NEC DVD-RW ND-2500A	USB	DVD+R, DVD-R, DVD+RW, DVD-RW	Windows, Linux, Novell
Lite-On SOHC-4836K	Lite-On SOHC 4836K IDE	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell
Lite-On SOHC-4836V	Lite-On Combo SOHC 4836V	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell
Lite-On SOHW-1673S	Lite-On DVDRW SOHW-1673S	IDE	CD-R, DVD+/-RW DL	Windows, Linux, Novell
Lite-On SOHC-4836B	Lite-On Combo SOHC 4836B IDE	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell
Lite-On SOHR-4839S	Lite-On CD-RW SOHR-4839S IDE	IDE	CD-R, CD-RW	Windows, Linux, Novell
NEC ND-3540A	NEC DVD-RW ND-3540A	IDE	CD-R, CD-RW, DVD-R, DVD-RW, DVD+R, DVD+RW Note that DualLayer (DL) media is not supported with any drive at this time.	Windows, Linux, Novell

¹⁸ With Data Protector Express running the Inquiry String is seen by selecting the device (Favorites/Devices) then opening the diagnostics window (Commands/Diagnostics) and looking at the Device Inquiry Information.

Model	Inquiry String ¹⁸	Interface	Supported media (write)	Operating System(s)
Plextor PX-712A	Plextor PX-712A	IDE	CD-R, CD-RW, DVD+/-RW	Windows, Linux, Novell
Plextor PX-W5224A	Plextor CD-R PX-W5224A	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell
Sony CRX216E	Sony CRX216E	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell
Sony PCGA-DDRW2	Sony PCGA-DDRW2	USB	CD-R, CD-RW, DVD+/-RW	Windows, Linux, Novell
Toshiba TS-H492C	TSSTcorp CDW DVD TS-H492C	IDE	CD-R, CD-RW/DVD-ROM	Windows, Linux, Novell

Third Party Disk Devices emulating CD drives

Model	Interface	Operating System(s)
lomega REV	IDE, SCSI, USB	Windows
lomega REV Autoloader 10/1	SCSI	Windows

Third Party Removable Cartridge (Hard Disk) Devices

Model	Interface	Inquiry String	Operating System(s)
Dell RD1000	USB, SATA	DELL***RD1000	Windows, Linux
Prostor RDX	USB, SATA	PROSTOR**RDX	Windows, Linux
Quantum GoVault	SATA	QUANTUM*GoVault	Windows, Linux
Quantum GoVault	USB	QUANTUM*GoVault	Windows, Linux
Tandberg RDX Quickstor	USB, SATA		Windows, Linux