

RDX Compatibility Guide

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Backup Software Compatibility

Tandberg Data has tested the RDX device against the backup software applications listed below:

Company	Product	Version	Notes
EMC	Insignia	7	Retrospect does not allow cartridge to eject after media is full. To eject the cartridge, unmount the media in Retrospect.
Symantec	Backup Exec	10	No issues
Yosemite	Tapeware	8.1	No issues
Microsoft	Windows NT Backup		Cartridge spanning not supported
CA	Arcserve	11.5	SATA support now, USB support coming soon.
Open Source	TAR		Issues with spanning

Operating System Compatibility

The RDX device is compatible with the following operating systems:

Operating System	Notes
Windows XP	Home and Professional
Windows Server 2003	Standard, Professional and Small Business Editions
CentOS Linux	Version 4.2, kernel version 2.6.9
Fedora Core 5	Kernel version 2.6
RHEL 3.0	Update 7
RHEL 4.0	Update 3
SLES 10	x64
SLES 9	Service Pack 3 x64

Notes:

1. SLES 9 Service Pack 3 does not support SATA ATAPI devices and therefore does not support the RDX Internal SATA device.

File System Compatibility

In principle the RDX device can be formatted for any file system. The following file systems have been tested by Tandberg Data:

File System	OS (s)	Notes
FAT32	Windows XP Windows Server 2003	<ul style="list-style-type: none"> • Max file size = 4GB • Windows does not allow user to reformat cartridge as FAT32 • Windows Explorer may not display volume label the first time a cartridge is inserted
NTFS	Windows XP Windows XP Pro Windows Server 2003	
ext2	Linux	
ext3	Linux	
Mac OS Extended	Mac OS X	

SATA Host Bus Adapter Compatibility

Tandberg Data has tested the internal SATA RDX device against the SATA Host Bus Adapters listed below:

HBA or Motherboard	Notes
Intel ICH6	No issues
Intel ICH6R	No issues
Intel ICH7	No issues
Intel ICH7R	No issues
Intel ICH8R	No issues
Intel ESB2	No issues
Silicon Image 3112	1, 2, 3
Silicon Image 3114	1
Silicon Image 3124	1, 2, 3
Intel S3000AHV Motherboard	non-RAID or Matrix RAID modes - 4
Promise SATA300 TX4 4-port	No issues

Notes:

1. Silicon Image HBA's may require updated BIOS and drivers to work with SATA ATAPI devices.
2. Can only format the cartridge using the "quick format" option under Windows.
3. Windows Check Disk utility does not operate correctly.
4. Does Not work in Intel Embedded Server RAID mode.

USB Compatibility

The USB RDX device works with all USB controllers. Tandberg Data has tested the USB RDX device against the USB controller types listed below (used specific controllers from most major USB controller manufacturers):

Host Controller Types		Notes
EHCI (2.0)	Enhanced Host Controller Interface	No issues
UHCI (1.1)	Universal Host Controller Interface	No issues
OHCI (1.1)	Open Host Controller Interface	No issues

The USB RDX device is compatible with the USB Mass Storage Specification for Bootability 1.0.

The USB RDX device is certified to meet the USB-IF High Speed Compliance Standards as developed by the USB 2.0 Compliance Committee.

Eject Button Support

Windows

Windows does not have native support for removable disk drives. Specifically, the operating system does not allow the eject button to operate with cartridges formatted with the NTFS file system. It does allow the user to eject the cartridge using Windows Explorer (right-click on drive letter, select "Eject").

Tandberg Data supplies a utility that allows the eject button to operate properly on Windows. This utility runs as a Windows service. See the RDX Users Guide for installation instructions.

Linux/Mac OS X

Linux and Mac OS X do not typically support the eject button operation. Use the recommended system method to eject the removable media.