



Simplify Backups

The Dell™ PowerVault™ RD1000
and 114X RD1000



Simplifying IT

Simplifying IT can transform your organization. By reducing cost and complexity, you can devote more resources to making innovation a daily business practice. Central to IT simplification is streamlining maintenance and minimizing downtime — and the Dell™ PowerVault™ RD1000 can help you do both.

The Dell difference:

PowerVault 114X RD1000

Rack Solution, configured with up to four RD1000 drives, using a USB connection.

Simplification is in our DNA

We are dedicated to helping you reclaim your time and resources through IT simplification.

Intelligent automation

Low-touch systems help reduce the possibility of errors and free up your IT team to focus on bigger initiatives.

Pay as you grow

Our storage solutions are completely modular. Buy only what you use, and then upgrade as your capacity needs grow.

Fully integrated

We partner with industry leaders to ensure that our solutions work with what you're already using.

A sensible backup solution

Quickly protect up to 160GB, 320GB, 500GB, 640GB, or 1TB of critical information on one rugged, removable disk cartridge — Dell™ PowerVault™ RD1000.

Dell PowerVault RD1000 removable disk drive benefits:

- Quick, affordable backups to rugged, removable disk media that holds up to 1TB and weighs about as much as your cell phone.
- Up to 8x faster backups — average 30MB/sec sustaining data backup rate compared to DAT72 with 3.6MB/sec native transfer rate.
- Symantec Backup Exec™ QuickStart provides easy-to-use backup and disaster recovery on all Dell™ PowerEdge™ servers and Dell™ Precision™ Workstations (external only).
- Easy scheduling of monthly, weekly, or even daily backups using the included backup software from Symantec Backup Exec QuickStart.
- Drag-and-drop backup and restore at hard-drive speed means no more waiting around for slower alternatives like DAT.
- Convenient portable removable disk cartridges offer greater flexibility than standard USB hard drives, and a fast, secure, durable alternative to CD/DVD and low-end tape drives.
- RD1000 is available in a rack mount option that is easily attached for disk back up to Dell PowerEdge servers.
- Durability and reliability with shock-proof cartridge design, rugged hard disk with ESD (Electrical State Discharge) shock protection for safe removability, and off-site storage.

If data can make or break a business, protecting that data is essential

You know this. But do you back up and protect your data regularly?

Many people don't, and for reasons that are understandable. Tape solutions can be expensive or confusing. USB hard drives are bulky and inconvenient. DVDs and older tape technologies are slow and capacity constrained. And which DVD has the file you need, anyway?

Now, backups don't have to be a chore. Dell PowerVault RD1000 is an innovative data protection device that

Simply put:

Dell PowerVault RD1000 is a

**Fast,
Secure,
Affordable**

alternative to CD/DVD, USB hard drives, and tape drives

combines the speed of hard drives with the portability of optical media. It helps eliminate the frustrations associated with other removable-media technologies and gives you quick, easy, affordable backups.

PowerVault RD1000 is user-friendly and reliable. It works fast, like a hard disk, because it is one.

Use the PowerVault RD1000 to copy all your company data — e-mail, documents, financial data, image files — anything that's important. Take your important data home, to a remote site for disaster-recovery protection, to share with branch offices or attach to your Dell PowerEdge server rack.

Back up to the PowerVault RD1000 removable disk drive and take your critical information with you.

Up to 8x faster

Time to Complete 80GB Backup



Dell RD1000
.74 Hours



DLT V4
2.22 Hours



DAT160
3.24 Hours



DAT72
6.17 Hours

Average 30MB/sec sustaining data backup rate compared to DAT72 with 3.6MB/sec, DAT160 with 7MB/s and DAT320 with 12MB/s native transfer rate



Rugged. Removable. Ready.

At the heart of the PowerVault RD1000 is a removable disk cartridge that combines a tough exterior design and an internal shock absorber — all rigorously tested to the highest standards. RD removable disk media is built to withstand the rigors of everyday accidents and can even survive a fall from nearly one meter. Additional reliability is found in the load mechanism, which can handle more than 10,000 load/unload cycles.

The PowerVault RD1000 is natively recognized by Windows® — attach it to your host server, desktop, or workstation and it's ready to use immediately.

Simply pop in the removable disk cartridge, select the files or folders you want to protect, then drag-and-drop them into the drive folder. To restore files, just reverse the process. Drag-and-drop functionality can help make restoration of your critical files much faster. Symantec Backup Exec Quickstart included with the PowerVault RD1000 provides easy-to-use, backup and disaster recovery capabilities to protect files, as well as all user data to help provide faster restores and reduced downtime.

Sensible and affordable

Start backing up now, affordably, and protect your investment as your capacity needs grow. Choose a 160GB, 320GB, 500GB, 640GB, or 1TB cartridge — all RD media is interchangeable in any RD dock and, unlike many other removable-media solutions, the PowerVault RD1000 is designed for forward compatibility, providing additional investment protection. Plus there are no cleaning cartridges to buy with the PowerVault RD1000.

The PowerVault RD1000 is available in multiple configurations; external (USB-attach) and internal (SATA-attach) and the rack mounted 114X, attached to Dell PowerEdge rack servers. Very easy to install by virtually anyone.

Includes Dell Backup Software by Symantec. Backup Exec QuickStart was qualified for the PowerVault RD1000 and helps provide easy installation, management, and basic backup and restore for a single server, desktop or workstation. Schedule monthly, weekly, or even daily backups quickly and easily via the intuitive user interface.

So don't risk your critical data by not backing it up. The Dell PowerVault RD1000 removable disk drive is a sensible backup solution that helps you quickly protect all of your important information and take it with you.

Hardware platforms¹

Int./ext. models:

PowerEdge™ 830, 840, 1900, 2900, 2950, 2970, SC430, SC440, SC1430, T605, T105, T110, T310, T100, T300, T410, T610 and T710 servers (PowerEdge Dell Rack Servers)

114X RD1000:

PowerEdge Dell Rack Servers with USB 2.0 connections

Ext. models:

PowerEdge Server, PowerVault NAS and DL with USB 2.0 connections

Refer to the Dell tape matrix for complete list:
<http://support.dell.com/support/edocs/stor-sys/matrix/>

Simplify backups at Dell.com/RD1000



¹Some models support external RD1000 drive only. Please check Product Central for up-to-date support information at <http://support.dell.com/support/edocs/stor-sys/matrix/>

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