



Hardware Compatibility Options

Recommended hardware options for small and medium businesses

Tape Drives



Supported On: Windows® 2000 & later

Data Capacities (uncompressed):

- Travan (10-20GB)
- DAT / DDS (12-36GB)
- AIT (15-200GB)
- LTO (200-1600GB)
- DLT / SDLT (40GB-300GB)

Recommended For: Small Businesses (DDS3, DDS4, AIT)
Medium Business (LTO, SDLT, AIT)

Advantages	Disadvantages
<ul style="list-style-type: none"> • Easily store tapes off-site. • Good for archiving purposes. • Proven industry standard. • Strongly supported by Windows • Most good drives offer hardware compression 	<ul style="list-style-type: none"> • Tapes can wear out over time and become unusable. • Some tape drives require cleaning and retensioning. • Sequential Access (slow). • Tape drive unit is often costly

More: <http://backupassist.com/>

Iomega REV and TandbergData RDX Drives



Supported On: Windows® 2000 & later

Data Capacities: Iomega REV Drive Disk (35, 70, 120 GB)
Tandberg Data RDX Quikstor Disk (40, 80, 120GB)

Recommended For: Small-Medium Businesses

Advantages	Disadvantages
<ul style="list-style-type: none"> • 5-8 times faster than tape • Cartridges are durable, and last longer than tapes. • No cleaning required • IDE and SATA solution eliminates need for SCSI. • Drive provides Random Access. • Cheaper than most tapes. 	<ul style="list-style-type: none"> • Difficulties backing up directly to REV drive using Windows 2000. <i>Note: BackupAssist provides a workaround to overcome this issue.</i> • Only one manufacturer of drives and media. • 70 GB limit on data backups for REV and 120 GB limit for RDX.

Removable Hard Drives



Supported On: Windows® 2000 & later, with appropriate drivers

Data Capacities: Variable: according to capacity of Hard Disk Drive installed—up to 400 GB or more.

Recommended For: Small-Medium Businesses

Advantages	Disadvantages
<ul style="list-style-type: none"> • High Speed transfer of data (USB & FireWire) • Portable for transport and can be stored offsite • Large Capacity for data • Cost Effective for single units • Easy Connectivity 	<ul style="list-style-type: none"> • Size—removable hard drives are bigger than tapes • Less suitable than tapes for media rotation—having multiple hard drives for rotation is expensive and clumsy.

NAS & Remote Backups



Supported On: Windows® 2000 & later

Data Capacities: Variable: according to capacity of the network resource or FTP Server.

Recommended For: Medium Businesses

Advantages	Disadvantages
<ul style="list-style-type: none"> • Backups are stored externally and can be retrieved in the event of system failure • Many servers can be backed up to the same NAS device, allowing for centralized backups • NAS can be located offsite for automatic offsite backups 	<ul style="list-style-type: none"> • Scheduled backups cannot complete if network resource is not available or offline • Slow speed: backups take longer than to a local device (depending on network speed) • Media rotation is not possible: NAS must be stored in fireproof and secure location.

Local Hard Drives



Supported On: Windows® 2000 and later

Data Capacities: Variable: according to capacity of Hard Disk Drive installed (up to 400GB or more).

Recommended For: Small-Medium Businesses where offsite backup storage isn't required. Allows for fast restoration of data.

CD/DVD-ROM



Supported On: Windows® 2000 and later

Data Capacities:

- CD-R/RW (700MB)
- DVD +/- R/RW/DL (4.7GB-17GB depending upon standard)

Recommended For: Small Businesses with small, low security data requirements



Software Compatibility

BackupAssist™ Software Compatibilities

Microsoft Windows® Operating Systems

- Windows® 2000
- Windows® XP
- Windows Server™ 2003
- Windows® SBS 2000/2003

Backup: full range of devices supported, as listed under the BackupAssist hardware compatibility options.



Volume Shadow Copy (Windows XP / 2003) - backup your open files on local hard drives, at no extra cost

- Compatible technologies

Automated System Recovery (ASR) - for a bare metal restoration of Windows XP and Server 2003 (refer to: <http://www.BackupAssist.com/downloads/BareMetalASR.pdf>)

Microsoft® Exchange Server



- Exchange 5.5
- Exchange 2000
- Exchange 2003
- Exchange 2007

Backup: Full, Differential, Incremental backups of your Exchange Server are supported.

Brick-level backup to PST files for Exchange 2000 and 2003 via Exchange Mailbox Add-on (optional)

Restore: Full or brick level (mailbox level) restoration supported

Microsoft® SQL Server



- SQL Server 7.0
- SQL Server 2000
- SQL Server 2005

Backup: Full and transaction log backups of your SQL Server are supported, including the ability to backup multiple databases at once and continuous protection so you never lose more than 15 minutes of work.

Restore: Easy point-in-time restoration through BackupAssist SQL Restore Utility.

Open Files Backup (additional add-on)

- Advanced Open Files Add-on

BackupAssist offers an optional add-on for backing up open files. The add-on is suitable for users running Windows 2000, or when running applications that are not VSS compliant.

For more info: <http://backupassist.com/education/advancedOpenFilesBrief.html>

Other recommended software (third-party)

- Managed Services Providers (MSP)

BackupAssist provides status information via Windows Events to enable users of Managed Services platforms such as **Kaseya** to easily integrate BackupAssist into their managed platform solution.

For more info: <http://www.kaseya.com>

