



# System Requirements

*"NovaBACKUP 16.1"*



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## NovaBACKUP Professional, Server & Business Essentials

### Requirements

- Pentium 4 or better
- 1 GB of RAM minimum
- 3 GB free hard drive available space on OS drive. Full installation is approximately 300MB
- Internet Explorer 8.0 or higher
- TCP/IP network

### Supported Operating Systems

NovaBACKUP supports both 32 and 64 bit versions of the following Operating Systems\*:

- Windows 8.1
- Windows 8
- Windows 7 SP1
- Windows Vista SP2
- Windows XP SP3
- Windows Server 2012 R2 (*NovaBACKUP Server and Higher*)
- Windows Server 2012 (*NovaBACKUP Server and Higher*)
- Windows Server 2008 R2 SP1 (*NovaBACKUP Server and Higher*)
- Windows Server 2008 SP2 (*NovaBACKUP Server and Higher*)
- Windows Server 2003 SP2 (*NovaBACKUP Server and Higher*)
- Windows Small Business Server 2011 (*NovaBACKUP Server and Higher*)
- Windows Small Business Server 2008 SP2 (*NovaBACKUP Server and Higher*)
- Windows Small Business Server 2003 (*NovaBACKUP Server and Higher*)

\*Disaster Recovery backups and images do not support any Tablet-based devices

### NovaBACKUP Virtual Dashboard Requirements

NovaBACKUP Virtual Dashboard, Backing up and Restoring Virtual Machines with the ability to restore individual files, and Replication have separate system requirements than other parts of the product.

### Supported Applications (Dashboard)

- Windows 7 SP1
- Windows 8
- Windows 8.1
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2



## Supported Hypervisors (Virtual Dashboard)

- Windows Hyper-V 2012
- Windows Hyper-V 2012 R2
- VMware vSphere ESXi (w/vStorage API)
- VMware vSphere 4.1 (w/vStorage API)
- VMware vSphere 5 (w/vStorage API)
- VMware vSphere 5.1 (w/vStorage API)
- VMware vSphere 5.5 (w/vStorage API)

## NovaBACKUP Single Mailbox Restore

Single Mailbox Restore for NovaBACKUP is handled by the Ontrack PowerControls application. Below are basic system requirements but you can find more by checking with our support website: <http://bit.ly/otpcinstall>

- **To restore Microsoft Exchange Server 2007:**
  - Microsoft Outlook 2003, 2007, 2010, or 2013 installed and configured (32-bit).
- **To restore Microsoft Exchange Server 2010:**
  - Microsoft Outlook 2003, 2007, 2010, or 2013 installed and configured (32-bit).
- **To restore Microsoft Exchange Server 2013:**
  - Microsoft Outlook 2007, 2010, or 2013 installed and configured (32-bit).

## Supported Applications

NovaBACKUP Business Essentials, NovaBACKUP NAS Essentials, and NovaBACKUP NAS Suite support the following applications:

### Microsoft SQL

- Microsoft SQL 2012 SP1
- Microsoft SQL 2008 R2 SP2
- Microsoft SQL 2008 SP3
- Microsoft SQL 2005 SP4

### Microsoft Exchange

- Microsoft Exchange 2013 SP1
- Microsoft Exchange 2010 SP3
- Microsoft Exchange 2007 SP3
- Microsoft Exchange 2003 SP2

### Microsoft Hyper-V

- Microsoft Hyper-V 2008 R2
- Microsoft Hyper-V 2012
- Microsoft Hyper-V 2012 R2



## VMware (with vStorage API)

- VMware vSphere ESXi
- VMware vSphere 4.1
- VMware vSphere 5
- VMware vSphere 5.1
- VMware vSphere 5.5

## Backing up Virtual Machines (Legacy - Microsoft Hyper-V)

Backing up Microsoft Hyper-V is supported only on Microsoft Server operating systems (not Windows 8 / 8.1). In order to back up Microsoft Hyper-V virtual machines, you will need to have NovaBACKUP Business Essentials installed on the Hyper-V Host Operating System.

## Backing up Virtual Machines (Legacy - VMware vSphere)

You will need NovaBACKUP installed on a machine (Physical or Virtual) with a supported operating system and your VMware vSphere installation requires the vStorage API. The machine that NovaBACKUP is installed on needs to have network connectivity to your VMware vSphere server. NovaBACKUP may be installed on a Virtual Machine but will not be able to directly back up its own Virtual Machine.

## Supported Backup Devices and Media

### Local

- SCSI, IDE and SAS Hard Drives
- External Hard Drives — USB 1.1 / 2.0 / 3.0, FireWire
- Network Storage (SAN, NAS, Mapped Network Drive, UNC path, etc.)
- CD-R/W, DVD-R/W, DVD+R/W, Blu-Ray/Dual Layer
- Single Tape Drives
- PC Card (PCMCIA)
- All Flash and Thumb Drives

### Offsite

- NovaStor Service Provider
- FTP (FTP, SFTP, FTPS)
- Amazon S3

## Disaster Recovery

- Bootable CD/DVD Recorder and CD/DVD Media is required
- Local / removable hard drives, NAS devices



## Central Management Console

### System Requirements

- Pentium 4 or better
- 512 MB of RAM minimum
- 3 GB free hard drive available space on OS drive
- Internet Explorer 8.0 or higher
- TCP/IP network
- .NET 3.5 SP1
- .NET 4
- Windows PowerShell 1.0

### Supported Operating Systems

- Windows Server 2008 SP2,
- Windows Server 2008 R2 SP1,
- Windows Server 2012
- Windows Server 2012 R2

### Note for all installations

All installations require an Administrator Account and cannot be installed under a Limited User Account



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