



NovaBACKUP

System Requirements

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NovaBACKUP PC Agent and Server Agent

System Requirements

- **CPU:** 1.3 GHz single core minimum (from 2 to 4 CPU cores recommended)
- **RAM:** 4 GB (8 GB recommended) minimum for NovaBACKUP PC Agent and 8 GB RAM minimum for NovaBACKUP Server Agent (16 GB recommended)
- **Disk:** 10 GB free hard drive available space on OS drive. (Full installation is approximately 500MB)
- TCP/IP network
- Setup installers updated with .NET Framework 4.7.2 and Edge WebView2 as a prerequisite and are automatically installed.

Supported Operating Systems

NovaBACKUP supports 64-bit versions of the following operating systems*:

- Windows 11, Version 23H2
- Windows 10, Version 22H2
- Windows Server 2022 (NovaBACKUP Server Agent and higher)
- Windows Server 2019 (NovaBACKUP Server Agent and higher)
- Windows Server 2016 (NovaBACKUP Server Agent and higher)

* Image backups do not support any tablet-based devices.

Supported Applications (NovaBACKUP Business Essentials)

Microsoft SQL

- Microsoft SQL-Server 2019
- Microsoft SQL-Server 2017
- Microsoft SQL-Server 2016 SP2
- Microsoft SQL-Server 2014 SP3

Microsoft Exchange

- Microsoft Exchange Server 2019
- Microsoft Exchange Server 2016

Microsoft Hyper-V

- Microsoft Hyper-V Server 2022



- Microsoft Hyper-V Server 2019
- Microsoft Hyper-V Server 2016

VMware (Licensed with vStorage API)

- VMware vSphere 7.x
- VMware vSphere 6.x
- VMware vSphere 5.x
- VMware ESXi 7.x
- VMware ESXi 6.x
- VMware ESXi 5.x

Backing up Virtual Machines (Microsoft Hyper-V)

Backing up Microsoft Hyper-V is supported only on Microsoft Server operating systems (not i.e. Windows 10). In order to back up Microsoft Hyper-V virtual machines, you will need to have NovaBACKUP Server Agent installed on the Hyper-V Host Operating System.

Backing up Virtual Machines (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.

The free version of VMware is not supported.

Supported Backup Devices and Media

Local Devices

- SATA, SCSI, and SAS Hard Drives
- External Hard Drives formatted NTFS - USB 2.0 / 3.0, FireWire Format external drives > 2TB with [GUID Partitions \(GPT\) instead of MBR](#) Microsoft ReFS file systems are unsupported
- Network Storage (SAN or NAS / Network Share with CIFS or SMB Support)
- RDX drives
- USB flash drives formatted NTFS



Cloud / Offsite

- NovaBACKUP Cloud (NovaBACKUP Cloud Account)
- NovaBACKUP Self-Hosted Cloud
- Amazon S3-Compatible Device

System Image

- Bootable media requires a USB flash drive (up to 32GB) or CD-ROM
- Local hard disk
- Local network share
- Local NAS devices

Note for all installations

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

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