



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 about 762 MB)
- TCP/IP network
- Internet Explorer 11.0 or higher
- Setup installers updated with .NET Framework 4.7.2 and Edge WebView2 as prerequisites, and are automatically installed

Supported Operating Systems

NovaBACKUP supports only 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, and can only be utilized with legacy storage devices in 21.x (which is also true for some other backup types, noted further in **red**).

Supported Applications (NovaBACKUP Server Agent)

Microsoft SQL

- Microsoft SQL-Server 2019
- Microsoft SQL-Server 2017
- Microsoft SQL-Server 2016 SP2
- Microsoft SQL-Server 2014 SP3
- Microsoft SQL-Server 2012 SP4

Microsoft Exchange

- Microsoft Exchange Server 2019
- Microsoft Exchange Server 2016
- Microsoft Exchange Server 2013 SP1



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 11 / 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. **Note: VMware backups can only be utilized with legacy storage devices in 21.x.**

The free version of VMware is not supported.

Supported Backup Devices and Media

Local Devices

- SATA, SCSI and SAS Hard Drives, with the new 'Local Backup' device type added in 21.x, and with legacy storage devices; to enable legacy storage devices to be visible in the backup client read this how-to [KB article](#).



- 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 (* for use with legacy storage devices only)
- Local network share (* for use with legacy storage devices only)
- Local NAS devices (* for use with legacy storage devices only)

Note for all installations

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

Contact Us

NovaBACKUP Corporation

29209 Canwood St.
Agoura Hills, CA 91301 USA
Tel +1 (805) 579 6700
Fax +1 (805) 579 6710

NovaBACKUP Europe GmbH

Marienstraße 89
30171 Hannover, Deutschland
Tel +49 (40) 8081 1371



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