

Easy Windows Optimizer

Version 2.3

User Manual

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Introduction

EasyWinOpt is an application designed to identify and optimize parameters within Windows x64 systems (both Desktop and Server) to enhance performance and stability.

Windows, in its effort to support a wide range of hardware configurations, often leaves certain settings unoptimized. These gaps can affect performance, system stability, and long-term reliability. **EasyWinOpt** addresses these areas, delivering benefits to users, administrators, applications, and system processes.

Key Features

1. Simple to Use

EasyWinOpt is designed for ease of use: simply register your licence and run the optimization.

The application is fully portable and requires no installation. Users only need to download or receive the compressed file, extract it to any location, and it is ready to run.

2. Immediate Results

Optimization is applied quickly and requires only a system restart to take effect.

3. Safe and Non-Intrusive

EasyWinOpt does not interfere with administrative settings, security configurations, antivirus software, system services, or other applications.

No additional resident or external software is required after optimization. It also includes a rollback feature, allowing the system to be restored to its original state at any time.

4. Measurable Performance Gains

The application includes **CrystalMark Retro**, enabling users to benchmark system performance before and after optimization, providing clear and measurable results.

5. Long-Term Reliability

The licence allows lifetime use on the same system (hard drive partition), making it possible to reassess performance after hardware upgrades such as increased RAM, storage replacement, or CPU improvements.

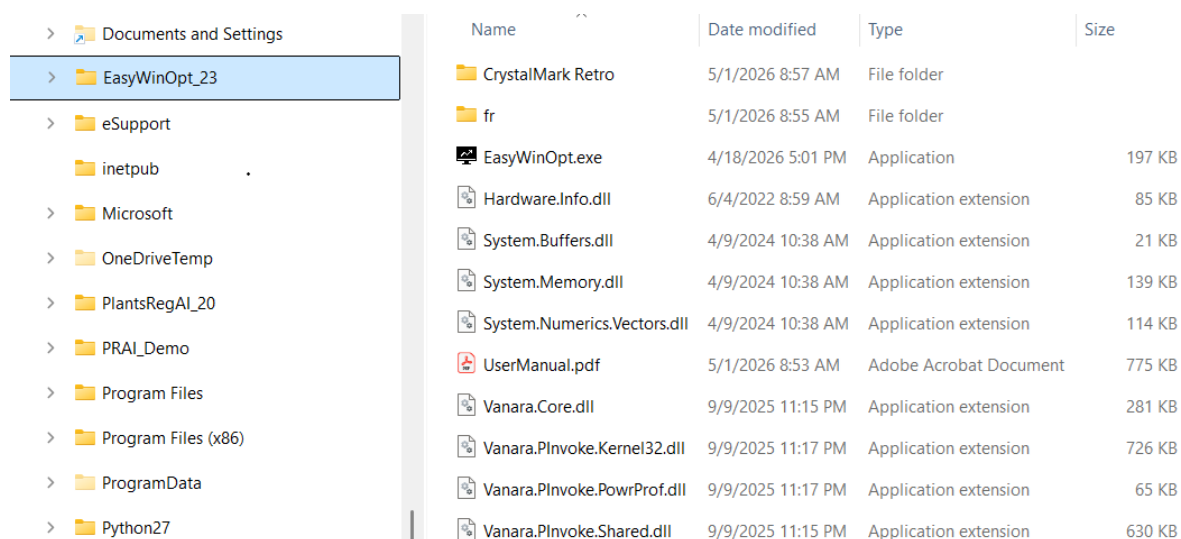
Optimizations remain stable and are not affected by Windows updates, new software installations, or routine maintenance tasks such as temporary file cleanup, antivirus scans, indexing, or backups.

Application Folder Contents

The compressed folder you download or receive is named **EasyWinOpt_xx**, where “xx” represents the application version. For the current release, the folder is **EasyWinOpt_23**.

Figure 1 illustrates the contents of the application folder.

This folder includes the **EasyWinOpt.exe** executable, the required DLL files, the user manual, and a subfolder containing the **CrystalMark Retro** utility used to measure system performance.



Name	Date modified	Type	Size
CrystalMark Retro	5/1/2026 8:57 AM	File folder	
fr	5/1/2026 8:55 AM	File folder	
EasyWinOpt.exe	4/18/2026 5:01 PM	Application	197 KB
Hardware.Info.dll	6/4/2022 8:59 AM	Application extension	85 KB
System.Buffers.dll	4/9/2024 10:38 AM	Application extension	21 KB
System.Memory.dll	4/9/2024 10:38 AM	Application extension	139 KB
System.Numerics.Vectors.dll	4/9/2024 10:38 AM	Application extension	114 KB
UserManual.pdf	5/1/2026 8:53 AM	Adobe Acrobat Document	775 KB
Vanara.Core.dll	9/9/2025 11:15 PM	Application extension	281 KB
Vanara.PlInvoke.Kernel32.dll	9/9/2025 11:17 PM	Application extension	726 KB
Vanara.PlInvoke.PowrProf.dll	9/9/2025 11:17 PM	Application extension	65 KB
Vanara.PlInvoke.Shared.dll	9/9/2025 11:15 PM	Application extension	630 KB

Figure 1. Contents of the **EasyWinOpt_23** folder.

Requirements and Considerations

Before running **EasyWinOpt**, ensure the following conditions are met:

1. No pending system updates are present (see **Figure 2**).

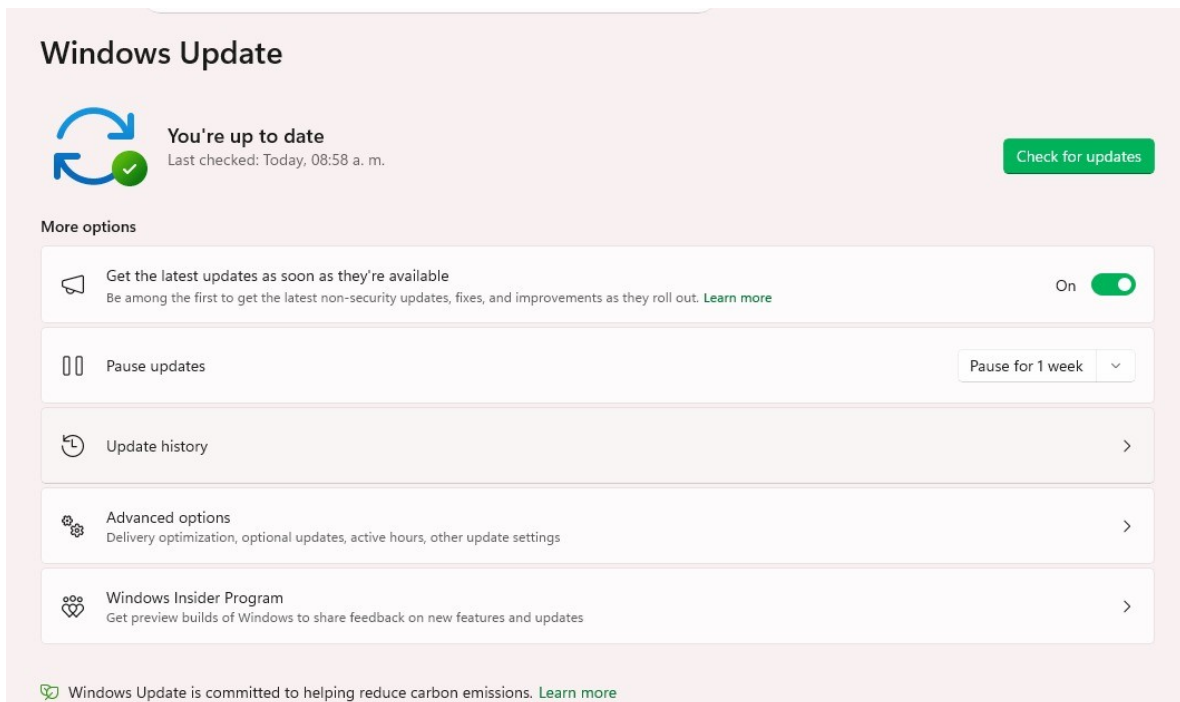


Figure 2. Updated system without pending issues.

2. Have at least 30% of free disk space on drive **C:**, see **Figure 3**.

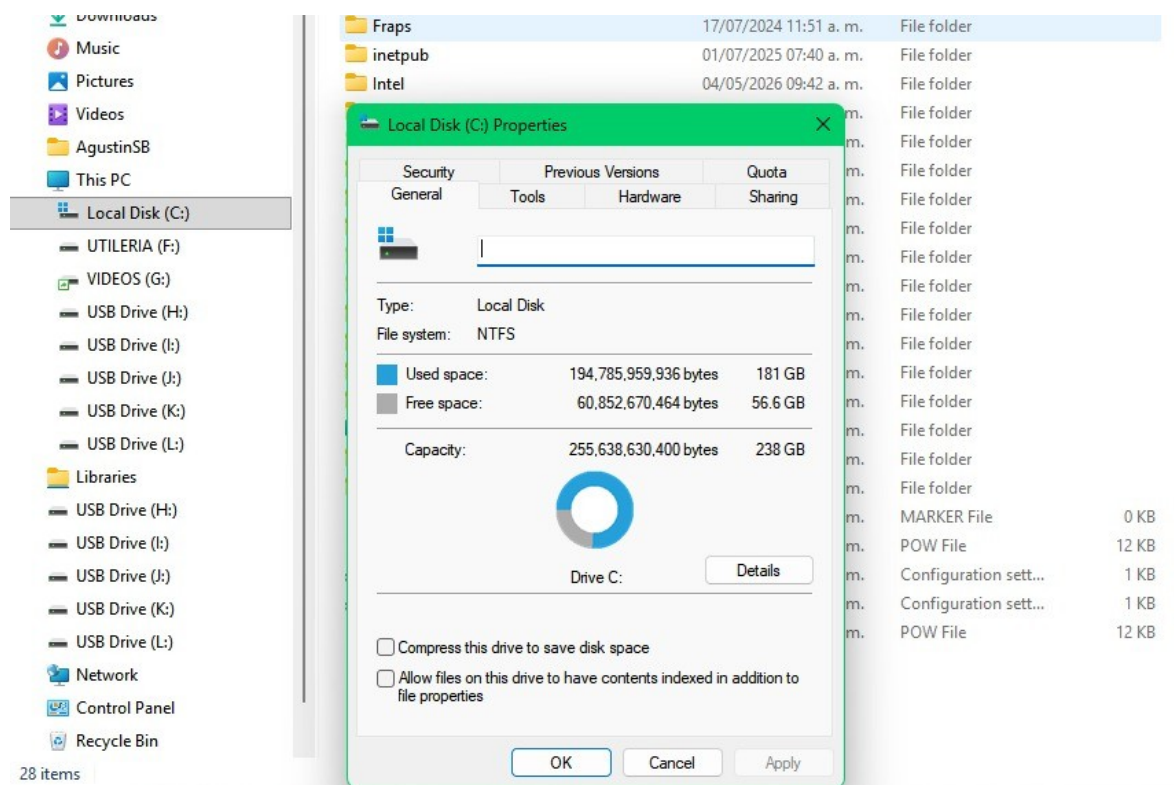


Figure 3. Verification of free space on disk **C:**.

3. It is recommended to perform a disk integrity check using the CHKDSK tool.
To do this, run Command Prompt (CMD) with administrator privileges (see **Figure 4**).

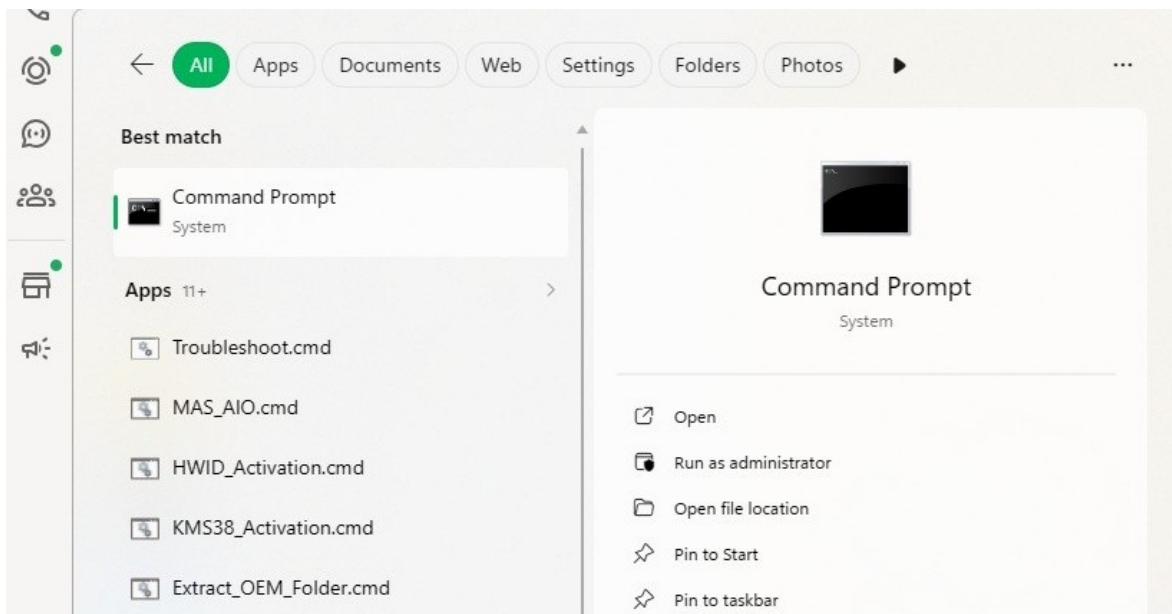
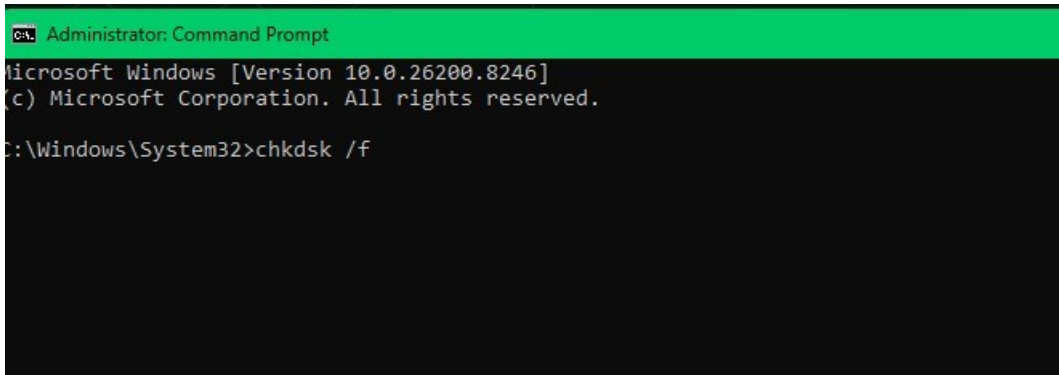


Figure 4. Running CMD as administrator.

Once Command Prompt is open, enter the following command:
CHKDSK /F (see **Figure 5**).

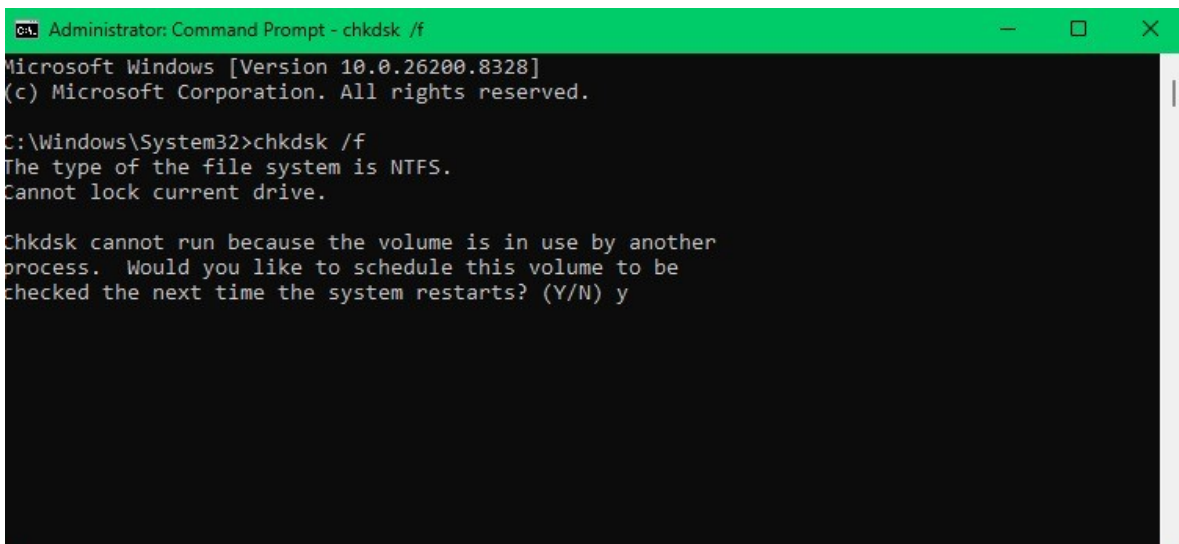


```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.26200.8246]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>chkdsk /f
```

Figure 5. Type the command **CHKDSK /F** and press **Enter**.

After pressing **Enter**, you will be prompted to schedule the disk check for the next system restart. Type **Y** to confirm (see **Figure 6**).



```
Administrator: Command Prompt - chkdsk /f
Microsoft Windows [Version 10.0.26200.8328]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>chkdsk /f
The type of the file system is NTFS.
Cannot lock current drive.

Chkdsk cannot run because the volume is in use by another
process. Would you like to schedule this volume to be
checked the next time the system restarts? (Y/N) y
```

Figure 6. Confirmation that the disk check will be executed on the next system reboot.

Restart the system.

Important: For portable systems, ensure the device is connected to AC power during operation.

EasyWinOpt Execution

To run **EasyWinOpt**, launch the application with administrator privileges (see **Figure 7**).

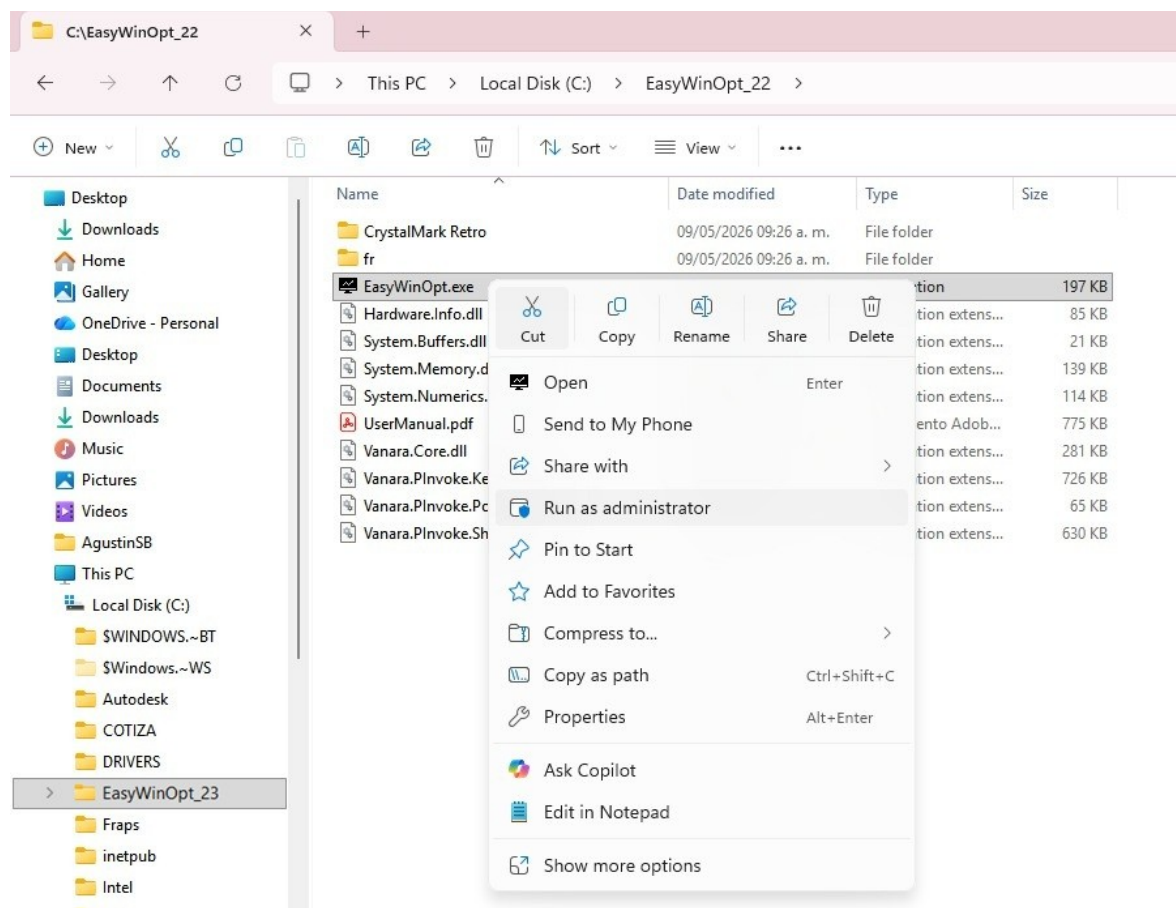


Figure 7. Running **EasyWinOpt** as administrator.

A confirmation dialog box will appear; select **Yes** to proceed.

When the application starts, the main window appears, with the licence status displayed in the title bar. On first launch, the status will be [NO LICENCE] (see **Figure 8**).

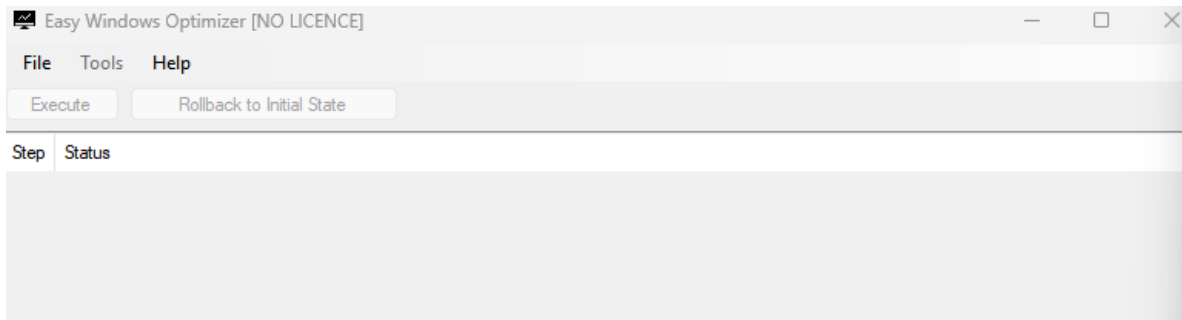


Figure 8. Main window.

Using the **File** menu (**Alt+F**), select **Licence Manager**. The **Licence Manager** dialog will appear (see **Figure 9**).

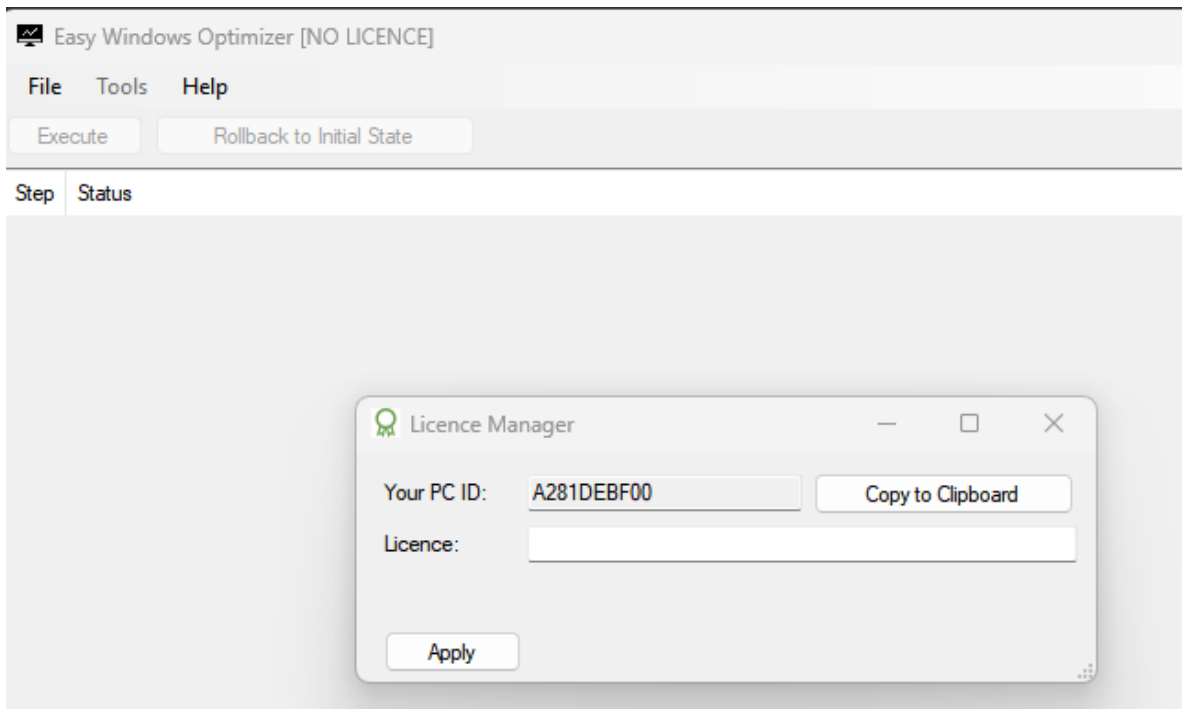


Figure 9. Result of execution of **File->Licence Manager** menu option.

The drive where the **EasyWinOpt_23** folder is located will be automatically identified and displayed in the **Your PC ID** field.

This information is required when requesting your activation licence to enable all features. You can copy the value using the **Copy to Clipboard** button and include it as a reference when making a bank deposit, transfer, card payment, or when submitting a support request.

Once the activation key is received, it should be copied to the **Licence** field, see **Figure 10**.

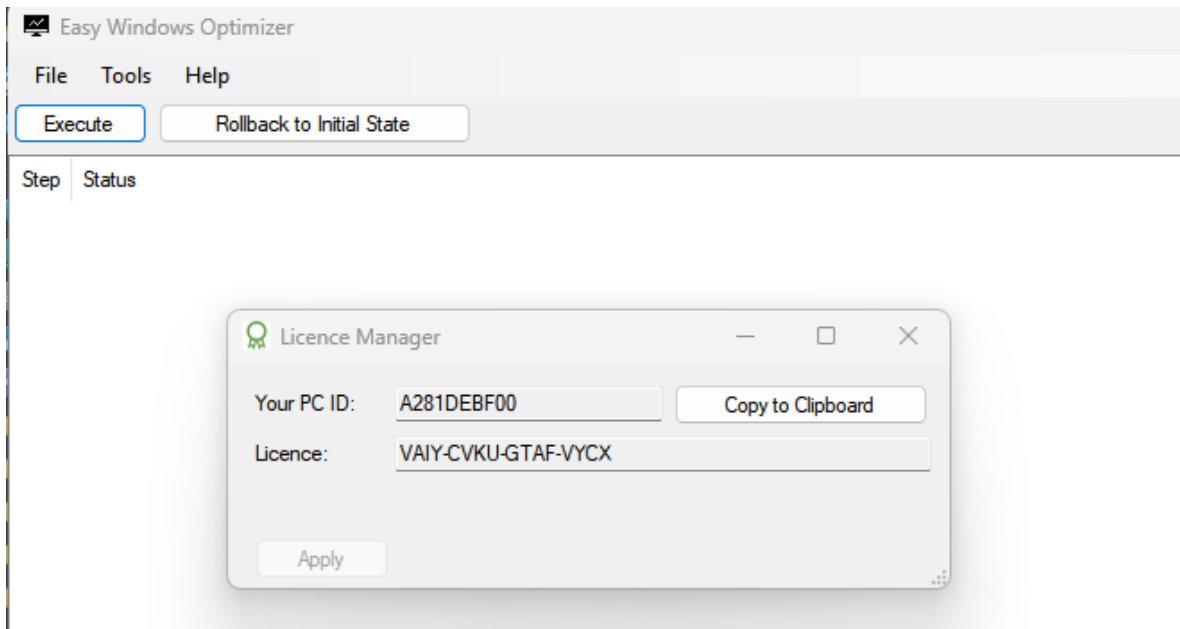


Figure 10. Write or copy the value of the licence assigned upon acquisition.

Then click the **Apply** button, which will register the licence, enabling all the features of **EasyWinOpt**.

CrystalMark Retro

From the **Tools** menu (**Alt+T**), select **Run Benchmark**. This option opens the main window of the **CrystalMark Retro** program (see **Figure 11**).

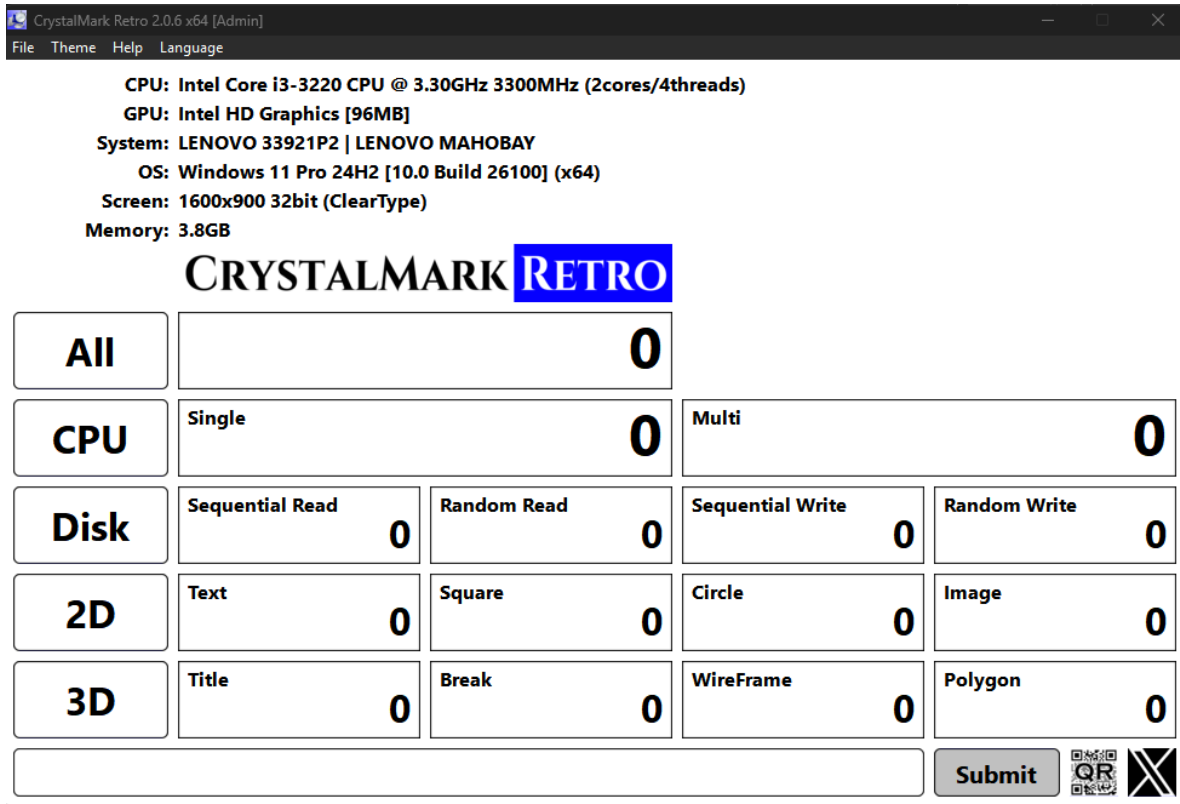


Figure 11. Main window of the **CrystalMark Retro** program.

The purpose of this tool is to establish a baseline of system performance before optimization and to compare it with results after optimization, providing clear evidence of improvement.

You can run individual tests by selecting the desired category and clicking one of the following buttons: **CPU**, **Disk**, **2D**, or **3D**.

To run the full benchmark suite, click the **All** button.

During the **2D** (GDI) and **3D** (OpenGL) graphics tests, the benchmark runs in full-screen mode, overlaying the Windows interface. Dynamic visual patterns will be displayed throughout the tests (see **Figure 12**).

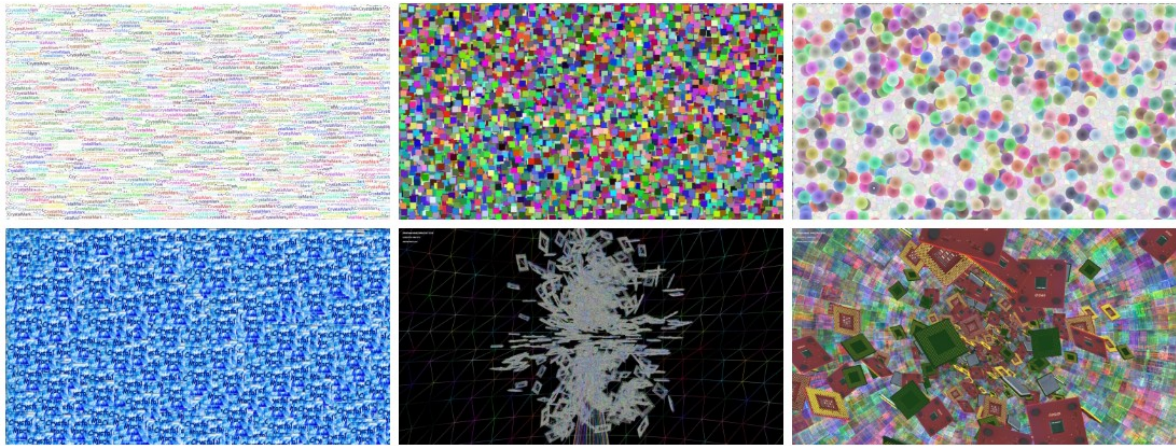


Figure 12. Examples of images that will fill the screen during the **2D** and **3D** tests.

If you select the **All** option, all the tests will be performed.

Consider the following performance measures for testing, see **Figure 13**.

Test	Performance measure
All	7
CPU	2
Disk	1
2D	1.5
3D	2.5

Figure 13. Performance measures for sample results of each of the tests.

There are a number of options to save the tests results.

1. Copy results to clipboard, **File**→**Copy** menu option, or **Ctrl + Shift + C** keys combination.

Then, the clipboard may be copied to some text file created and edited with any text editor.

2. Save results as text file, **File**→**Save (text)** menu option, or **Ctrl + T** keys combination.

The save file dialog is displayed, to specify the text file.

3. Save results as image, **File**→**Save (image)** menu option, or **Ctrl + S** keys combination.

The save file dialog is displayed, with options to save an image as ***.png**, ***.jpg** or ***.bmp** image file.

Note: Performance measurements may vary by 1–2% between runs. Therefore, it is recommended to run the test several times and calculate the average value to obtain a more consistent measurement.

To learn more about CrystalMark Retro, please visit the following page:

<https://crystalmark.info/en/software/crystalmarkretro/>

Optimization/Rollback

When **EasyWinOpt** is run for the first time, the **EasyWinOpt.bkp** file is created in the installation folder. This file stores information about the parameters optimized by **EasyWinOpt**, allowing them to be restored if the user decides to revert to the original settings.

Figure 14 shows the interface of **EasyWinOpt** when the licence is registered.

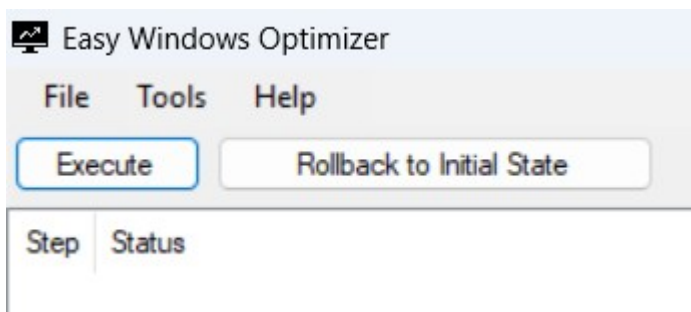


Figure 14. The **EasyWinOpt** interface when the licence is registered.

There are the menu bar and two buttons: **[Execute]** and **[Rollback to Initial State]**.

Pressing **[Execute]** button, the optimization is executed.

If not in administrator mode, the errors occur, see **Figure 15**.

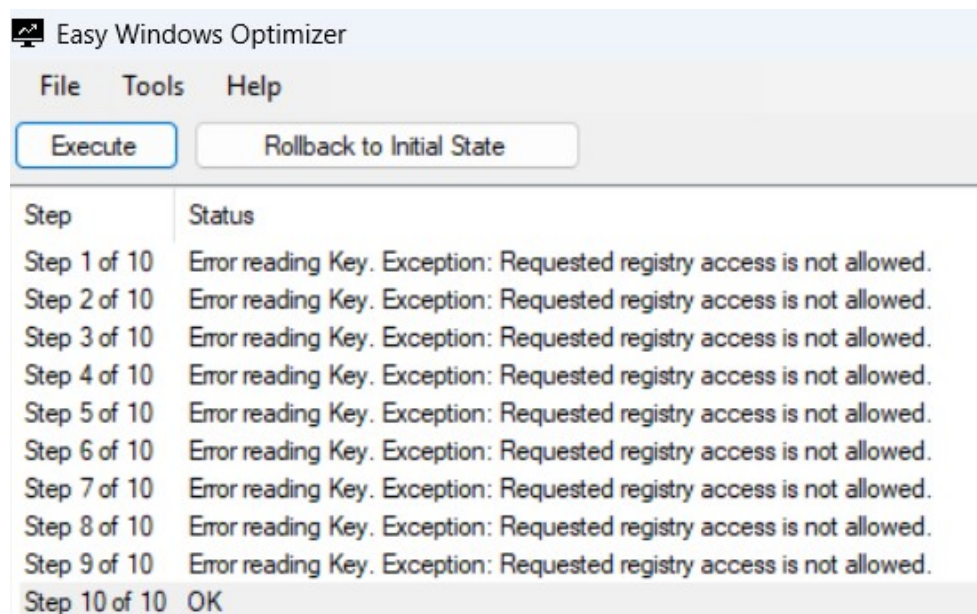


Figure 15. Results of execution of optimization in non-administrator mode.

On the contrary, in administrator mode, the optimization is performed successfully (see **Figure 16**).

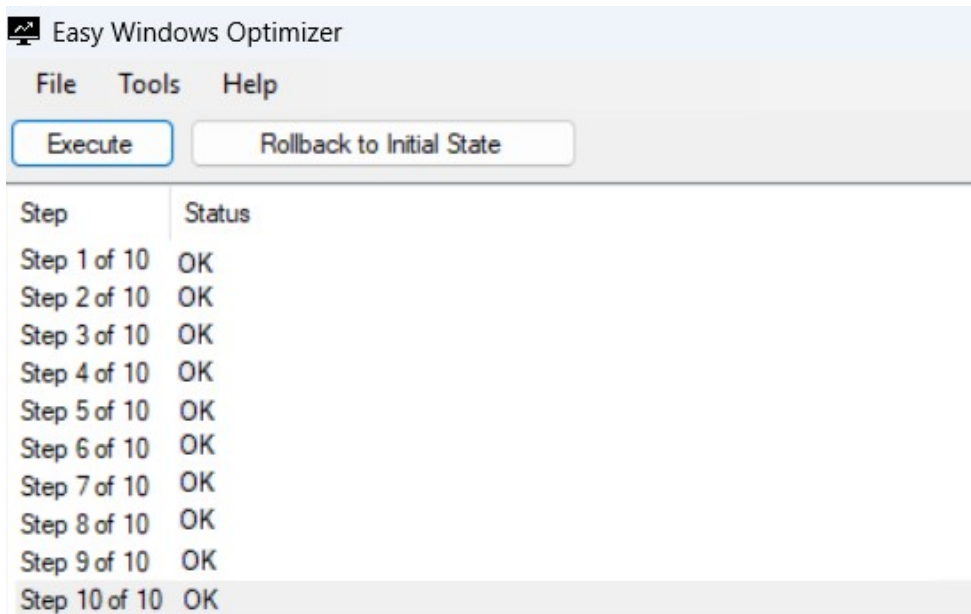


Figure 16. Results of execution of optimization in administrator mode.

Pressing the **[Rollback to Initial State]** button will return all the optimized by **EasyWinOpt** parameters to their initial values.

Again, the **EasyWinOpt** must be executed with administrator privileges to be able to successfully execute the rollback.

Figure 17 shows the **Tools** menu options.

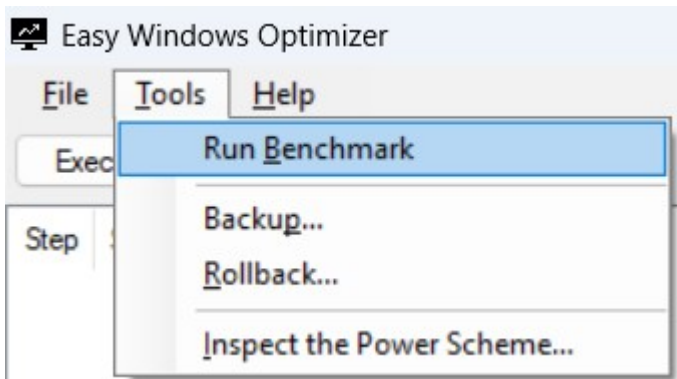


Figure 17. **Tools** menu options.

In addition to the **Run Benchmark** option described above, the **Tools** menu provides two additional options: **Backup** and **Rollback**. These options allow the user to save the current system state to any backup file other than **EasyWinOpt.bkp** and restore it later using that file.

For certain reasons (for example, when a laptop power supply is disconnected), the active power scheme created by **EasyWinOpt** may be changed to another scheme, such as **Turbo**.

The **Inspect Power Scheme** option allows the user to check the currently active power scheme and switch it back to the **EasyWinOpt Power Scheme** if desired (see **Figure 18**).

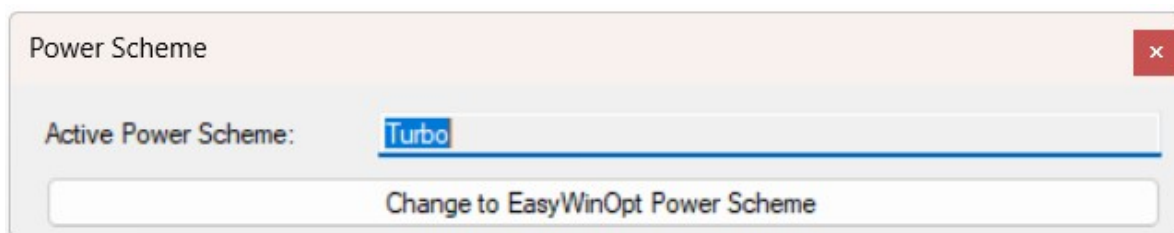


Figure 18. The **Power Scheme** dialog.

Finally, the **Help** menu (see **Figure 19**) provides two options: **User Manual** and **About**.

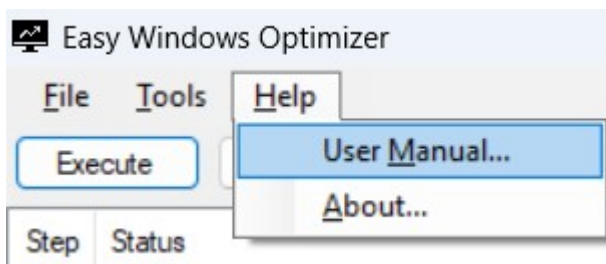


Figure 19. Help menu options.

The **User Manual** option will open this manual (Acrobat or some other pdf reader must be installed and configured as the default program to open pdf files), while **About** will display the information about current **EasyWinOpt** version.

Note: The User Manual option is disabled in Administrator Mode to prevent issues caused by launching the PDF viewer application with administrator privileges.

Frequently Asked Questions PC EDITION

- **Does the optimization software consume a lot of resources?**
It uses approximately 8 MB of RAM, less than 1% of the CPU, and only runs once. Optimization takes 10 seconds.
- **How long does my EasyWinOpt licence last?**
It is a lifetime operating condition tied to the hard drive partition. The licence must be repurchased in the event of: formatting, accidental or required deletion, partition table errors, or if the sectors where the partition information is stored are physically damaged; the system will mark that section as "unallocated space."
- **How long will it take me to notice the difference?**
The impact on boot time and application opening is **instantaneous** after restarting the computer after the optimization is complete.
- **Do I have to be an expert to use this software?**
Not at all. We've designed a one-click interface. Pressing the button will perform all the technical steps to improve your Windows system's performance. You'll only need to restart your computer once the optimization is complete.
- **Is this software safe to use? Could it delete my personal files?**
Our software is designed with a "Zero Risk" protocol. **We never touch your personal documents, photos, or work files.**
- **Why should I optimize my computer?**
To activate features that allow for better performance and stability (running applications and processes), it is a good practice that is available, legal, and safe, as it provides benefits throughout the system's lifespan, giving us maximum productivity for our daily activities.
- **Do these settings affect device security?**
No, because the adjustments we make do not modify any security or administrative policies, firewalls, ports, applications, or antivirus software.
- **Will the end user be affected after the work is completed ?**
No, it's transparent to the user; nothing changes to their desktop, applications, peripherals, or mappings.
- **Does it create conflicts or affect my applications?**
No, on the contrary, they will have a smoother execution, in addition to improving multitasking, that is, background tasks (updates, antivirus scan, search indexing, cloud disk synchronization, etc.)

- **That What improvement in performance is expected?**
Depending on the system (CPU, RAM, disk), these values represent a 5 to 10 time improvement in speed per process or task; that is, if it takes the computer to boot up in 2 minutes (after post BIOS), this value after optimization will be approximately 10-25 seconds.
- **Does the equipment get hotter after the adjustments ?**
Optimization does not affect the lifespan of the equipment; more factors that affect it include dust on fans, lubrication of the fans, voltage changes, sudden temperature changes (applying compressed air to equipment that has just been turned off), etc.
- **Will my antivirus detect the optimizer as a threat?**
No. It's not malware, it's a professional maintenance tool for Windows systems.
- **Do I have to pay a monthly subscription?**
No, it's a one-time investment with real results. It's a lifetime operating condition for the hard drive partition.

Frequently Asked Questions SERVER EDITION

- **Is it safe to run the software on a server with critical databases (SQL, ERP, SAP)?**

Absolutely. The software has been designed under "non-interference" protocols. It identifies mission-critical processes and, instead of modifying them, optimizes the surrounding Windows environment to give them absolute priority.

- **Why does my server feel slow if the hardware is new?**

This is because Windows, in all its versions, in order to be compatible with different manufacturers and configurations, leaves gaps in the performance settings; this is corrected with Easy Windows Optimization.

- **Will optimizing the server help my website or application load faster for my end customers?**

Yes, the improvement is evident in the services and applications that are installed on the computer, as well as those that may be added in the future.

- **How much additional lifespan does professional optimization give my equipment?**

Easy Windows Optimization, by fine-tuning the system, speeds up all installed applications, reduces I/O times, and improves the update, maintenance, and backup processes required by the computer. This provides maximum responsiveness for users, administrators, developers, and others. An optimized computer can continue to be used for longer, which in some cases can double or triple its estimated lifespan, which is generally three years on average (this is due to the software load and has nothing to do with the hardware).

- **Do I need to shut down my server or stop my activities for the optimization to take place?**

Only one restart after running the optimization.

- **How often is it recommended to conduct a new performance audit?**

Each time RAM is increased, or new tasks, roles, or applications are added.

- **Does optimization work in environments like the cloud?**

Yes, you can optimize a cloud server and reap the benefits for users who connect to and request services from it.

- **Does the optimization process require restarting the server?**

Yes, a computer restart is required after the optimization is complete.

- **How many resources does the optimizer consume while it is running?**
It uses approximately 8 MB of RAM, less than 1% of the CPU, and only runs once. Optimization takes 10 seconds.
- **Does it work in virtual environments like VMware, Hyper-V, or Proxmox?**
Yes, it's fully compatible with virtual machines. In fact, it's ideal for virtualization environments, as it helps reduce the overhead of the guest operating system, allowing you to allocate resources more efficiently among your different Vms.
- **Which versions of Windows Server are compatible?**
We offer optimized support for **Windows Server 2016, 2019, 2022 and 2025**.
- **Do you offer remote technical support?**
That's right. This allows us to offer specialized technical support.
- **If something goes wrong, how can I reverse the changes?**
The software includes a **ROLL BACK module**. Before applying any deep optimization, a snapshot of the registry and services is created. With a single click, you can revert to the previous state in seconds.
- **Why optimize instead of simply buying more RAM or a new server?**
Purchasing hardware is a temporary solution that doesn't address software inefficiencies. Our software **extends the lifespan of your existing hardware**, maximizing your return on initial investment and preventing unnecessary capital expenditures (CAPEX).
- **What if I have an old server?**
Having grown up alongside the evolution of Windows since its earliest versions, we understand the dependencies on legacy systems that many businesses still rely on. We can optimize older versions of Windows Server with a precision that modern tools can't match, extending the lifespan of your existing hardware.
- **How does it help with uploading large documents over a network?**
The software optimizes the Windows Server network stack and disk cache management. This reduces latency in the SMB protocol, allowing shared files to travel faster across the local network.
- **How long will it take to see the speed improvement reflected?**
Changes in application response speed and file access are usually **instantaneous** after the optimized servers are restarted.
- **Do I really need to optimize my server or is it better to buy a new one?**
In 80% of cases, the current hardware is sufficient but poorly managed. Optimization unlocks the hidden potential of your components, extending the lifespan of your current investment by two or three years and preventing unnecessary spending on new equipment that, if not properly configured, will exhibit the same problems.

- **What if my server is very old (more than 5 years old)?**

We evaluate whether the system supports a component upgrade (such as SSD, RAM) combined with software optimization, or if it's time to change hardware based on the required load.