

Help for Neikeis Win95Tuner V1.10

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This Version of WinTuner is Shareware!

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If you have got Questions or Ideas of how to improve this product then please contact the Autor:

Niki Bugarcici
Hans Boecklerstr.21
44534 Luenen
Germany

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In this Version some functions are blocked. These functions are only available in the commercial Version.

You can register Win95Tuner for 15 DM (+shipping costs and packing). You will then get the newest registered Version. As registered User you can always get an free Update to the newest Version of Win95Tuner. You must then only pay shipping costs and packing. If you want to register, then write me and you will get Win95Tuner in a solid packing - cash on delivery (sent C.O.D.).

Adress:
Niki Bugarcici
Hans Boecklerstr.21
44534 Luenen
Germany

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What is Win95Tuner?

Win95Tuner has been developed for Windows95 and its primary function is to improve the performance of your system.

With Win95Tuner you can:

- prevent that Windows95 loads useless Drivers
- disable useless Extras of Windows95 like the BootLogo
- clean your WIN.INI
- delete lost Fileformats in your Registry
- delete useless Files on your Drives
- add new functions to your Windows95
- use your own picture for the BootLogo and the two Logos that appear when you shut down your System

and more...

Extras

In this Screen Win95Tuner provides you some powerfull options to add new functions to your Windows95 or to disable annoying propertyys of Windows95.

Delay to open a Popup-Submenu
show Animation while opening a Window
show contents of BMP-Files in their Icons
enable smooth fonts in High/TrueColor-Mode
show window contents while dragging
Maximal Vcache in KB
enable support for removable IDE-Drives

Please notice that most of these Options will only affect your System after a complete Reboot.

The following Options will be set by clicking the AUTO-Button:

Delay to open a Popup-Submenu is set to 200
show Animation while opening a window disabled
smooth fonts in High/TrueColor-Mode enabled

Delay to open a Popup-Submenu

If you open a PopupMenu and you touch an the cursor is on an item, then the SubMenu will open after a delay of some Milliseconds. With this function you can change the number of this Milliseconds.

The maximal value is 64000, that would mean, that you have got to wait 10 minutes for a submenu to open.

Of course you can open a Submenu manually by pressing the left Mousebutton.

The default Windows95 value is 400.

show Animation while opening a window

If this Option is enabled, then Windows95 will display a small Animation when you open a Window from the SysTray. This 'Animation' should create the Impression, that the Window would grow to its full size. You should always disable this Option, because this Animation only costs your System rare CPU-Power.

show contents of BMP-Files in their Icons

If this Option is enabled, then Windows95 will display the contents of all Bitmap-Files(*.bmp) directly in the Icon of their files. This can slow down the speed Windows95 reads in a Directory, but you can save a lot of time when browsing pictures. Try to avoid loading Directories with many large TrueColor-Pictures - that could least some minutes!

enable smooth fonts in High/TrueColor-Mode

If this Option is enabled, then Windows95 displays all texts using a Font-Smoothing. This Options only works if your System is running in HighColor or TrueColor Mode. Font-Smoothing can drastically improve the optical quality of a font (especially the quality of very high fonts). This Option costs some CPU-Power and should only be activated when you have got an 486 or Pentium-System. This Option is identically to the equivalent Option of Microsoft PLUS!. It is not necessary that you have got Microsoft PLUS! installed, to use this option.

show window contents while dragging

Normally Windows95 only displays the frame of a window while dragging it or while changing its size.

If you enable this Option, Windows95 will display the Window and its contents while dragging it or changing its size, so that you are able to see all changes realtime on your screen.

This Option costs some CPU-Power and should only be activated when you have got an 486 or Pentium-System.

This Option is identically to the equivalent Option of Microsoft PLUS!. It is not necessary that you have got Microsoft PLUS! installed, to use this option.

Maximal Vcache in KB

The Value displayed here, determines the size of the virtual Cache, that is used by Windows95 to shift Code from your Memory to your harddisk.

If you set a low value, it could happen, that you can not run many Programms at one time. If you set a high value, then you wast System-Ressources.

You should select a value between 2000 and 10000 KB.

The more RAM you have, the lower should be the value you set.

Win95Tuner sets the value to 8 MB, if no other value is specified in the System.INI.

enable support for removable IDE-Drives

If this Option is enabled, then Windows95 can also detect and use IDE-Removable Drives (e.g. SyQuest), what normally is not possible without the necessary Drivers.

This Options only enables a slow 16-BIT access to such Drives.

Functions of Win95Tuner

The functions of Win95Tuner are divided into following groups:

BootOptions

BootMenu

Logos

clean

Extras

In addition you can activate a PopMenu by pressing the right Mousebutton.

Logos

With Win95Tuner you can use select every Bitmap-File you want for each of the 3 Windows95 Logos. Just click on one of the 3 Buttons with the caption 'SELECT'.

If a Button is disabled (grey) then you can not select a Bitmap-File for that Logo, because Win95Tuner was not able to find the required Systemfile.

No panic, if the picture of the BootLogo (first one) is not displayed: That is only, because you have got the Windows95 StandardLogo there. You can safely select an other Logo.

Please notice that you can only install Bitmap-Files with 256 Colors and a resolution of 320*400 Pixels.

You can change the resolution and colordepth of a picture with various Applications. One of these Applications is PAINT, which should be on your Windows95-CD.

BootMenu

In this Screen Win95Tuner provides you several functions to manipulate the Windows95 BootMenu.

You can enter the BootMenu, when you hold down the F8 key while booting.

always show BootMenu on startup

show old Dos-Version in Menu

enable safe-mode with network

show Menu for:

default Bootmode

The following Options will be set by clicking the AUTO-Button:

show old Dos-Version in Menu enabled

show Menu for 10 seconds

default Bootmode set to normal

always show BootMenu on startup

If this Option is enabled, then Windows95 will always display the BootMenu after a reset.

If this Option is disabled, then you can enter the BootMenu, when you hold down the F8 key while booting.

show old Dos-Version in Menu

If this Option is enabled, then the Windows95 BootMenu will contain an Option, which allows you to boot into your old DOS-Version.

Normally Windows95 uses DOS Version 7.0.

This Option only makes sense if any DOS had been installed before the Installation of Windows95.

enable safe-mode with network

If this option is enabled, then Windows95 will add the Item 'safe Mode with networking' into the BootMenu. This mode is nearly identically to the safe mode, expect the fact that Windows95 will also load the Drivers for your Network.

You should only enable this Option, if your System is connected to a network.

show Menu for

This value determines how many seconds the BootMenu will be displayed and how many seconds you have to choose the BootMode.
In BootMenu you can confirm your selection by pressing ENTER.

default Bootmode

Here Win95Tuner provides you a simple way to change the default Bootmode.

In logged Mode Windows95 creates a protocoll on your harddisk (\bootlog.txt) during the Booting process, in which every single action will be logged.

This mode should be used to detect possible Harware or Software-errors, when the System has crashed.

This mode decreases the booting-speed drastically.

The safe mode will be used by Windows95 when the previous booting of Windows95 has failed.

In this mode Windows95 only loads Standart-Drivers, so that the User can check out possible Hardware-problems in the Hardware-Manager.

If you select 'XXXEinzelbestätigung' then you must confirm the loading of every single Driver and every single command in Config.sys and Autoexec.bat.

This mode should be used to detect the source of a System-Crash.

If you select 'Dos-Prompt only' , then the graphical User Interface will not be loaded.

You can then only enter Windows by typing WN[Enter].

BootOptions

In this Screen Win95Tuner provides you several functions to manipulate the Booting process of Windows95.

load DoubleSpace Driver

load DriveSpace Driver

load DoubleBuffer Driver

use graphical Interface

show BootLogo

load command.com to UMB

Bootdelay

Please notice that all these Options will only affect your System after a complete Reboot.

The following changes will be made, if you click on the AUTO-Button.

DoubleBuffer Driver enabled

graphical User Interface enabled

disable BootLogo

load command.com to UMB enabled

Bootdelay set to 0

load DoubleSpace Driver

If this Option is enabled, then Windows95 will load the necessary Driver to handle devices, which had been compressed with the program DoubleSpace.

If none of your drives is compressed with DoubleSpace, then you can disable this Option safely. This will save you some KB of mem.

With Windows95 you should compress your Drives with the newer DriveSpace.

load DriveSpace Driver

If this Option is enabled, then Windows95 will load the necessary Driver to handle devices, which had been compressed with the program DriveSpace. If none of your drives is compressed with DriveSpace, then you can disable this Option safely. This will save you some KB of mem.

load DoubleBuffer Driver

If this Option is enabled, then Windows95 will load a Driver that increases the performance of your harddisks. DoubleBuffer is the replacement of the old SmartDrive. With Windows95 you should no longer use SmartDrive.

You should always enable DoubleBuffer in order to increase the performance of your System.

Normally the Windows95 Setup enables this Option after Installation, except when Setup detects that your System is not compatible with DoubleBuffer.

show graphical Interface

If this Option is enabled, then Windows95 will load the graphical User Interface after Config.sys and Autoexec.bat has been executed.

If you disable this Option, the effect is effect is the same as if you would choose the Option 'DOS-Prompt only' in the BootMenu. You can always load the GUI by typing WIN[return].

show BootLogo

If this Option is enabled, then Windows95 will display a BootLogo while Booting.
You should really disable this option, because the BootLogo delays the Booting process and it costs your System some rare Ressources.

load command.com to UMB

If this Option is enabled, then Windows95 will try to avoid loading command.com into DOS-Memory. When enabled, this Option should increase the amount of DOS-Memory, which is needed to start DOS-Applications. You should always enable this option.

Bootdelay

This Value determines how many Seconds Windows95 will freeze the Booting process while the BootLogo is shown. You should always set this Value to 0. The default Windows95 Value is 2 seconds.

clean

In this Screen Win95Tuner provides you several functions to remove useless Files or useless Entries in the Registry / WIN.INI. Please notice, that every function provides you some Options, you can change by pressing the corresponding OPTIONS-Button.

Find lost PIF-Files

find lost Extensions in WIN.INI

find useless Files

optimize Config.sys and autoexec.bat

find lost Filetypes in Registry

Changes in the Registry or in the WIN.INI may only be affect your System after a complete Reboot.
Changes in the Config.sys or Autoexec.bat will only take effect after a reset.

find lost PIF-Files

Every time you start a DOS-Application and you change a property of the Application, then Windows95 will create a PIF-File in which the properties of that Application will be stored.

Sometimes it happens, that you delete the Application, but not the PIF-File.

By the way: Windows95 always stores the PIF-Files of the last few started Applications in the Windows-Folder.

This function of Win95Tuner finds such 'lost' PIF-Files and deletes them - if you want.

Win95Tuner will only delete Files that are marked with a hook.

Normally Win95Tuner only scans local Drives, but when you are connected to a network, then you can include Network-Drives into the Scan by enabling the Option 'enable Search on Network Drives'.

The other Options of this function should be self-explaining (hopefully).

find lost Extensions in WIN.INI

Like in Windows3.x your Windows-Folder contains a File named 'WIN.INI'.

Under the topic 'Extensions' in this file, Windows stores a list of File-Extensions in order to link these Extensions with the corresponding Applications.

Only Windows3.x Applications store data here.

Windows95 Applications always store such data in the Registry.

Sometimes Windows3.x Applications do not remove their Extensions in the WIN.INI when deinstalling them. This also happens, when you do not deinstall Applications correctly (e.g if you only delete the Folder instead of using an Uninstall-Programm).

This function of Win95Tuner finds this 'dead' Extensions and removes them for you.

You should not wonder, if an Extensions appears again, even if you deleted them a second ago. Because some Extensions are also registered in the Registry. Windows95 will readd these Extensions after a reset. You can only delete such Extensions, when you first remove them from the registry and then from the WIN.INI.

Win95Tuner will only delete Extensions that are marked with a hook in the list. Normally Win95Tuner already marks all lost Extensions that are linked to an Application with DriveLetter and full Path. Other lost Extensions are also displayed, but not marked. You should check out, if the corresponding Applications really does not exists, before you mark them.

find useless Files

After installing Windows95 your Windows-Folder contains some Files you do not need or Files you do not want to use.

These files are:

- The old Programm-Manager of Windows3.x
I am sure almost all Users use the new Desktop with the StartMenu instead of the antique Programm-Manager.
- The old Task-Manager of Windows 3.x
- The old File-Manager of Windows3.x
You should no longer use this programm with Windows95.
Instead you should use the much better Explorer.
- Windows Group-Files (*.grp)
These Files contain Information for the old Programm-Manager.
Under Windows95 Applications install their Symbols in the StartMenu,so
theses Group-Files are no longer usefull.

Win95Tuner will only delete Files, which are marked with a hook.

optimize Config.sys and Autoexec.bat

These Systemfiles contain Information, which are used by DOS7.0 to load all specified DOS-Drivers and Programms.

In addition, these systemfiles contain some DOS-Options, that will waste many KB of your rare Memory. These Options are only used in DOS-Mode and while Booting, so you should really minimize them - except you are really going to use the DOS-Mode very often (is anyone still using DOS?).

The Loading-Times while Booting and the amount of free DOS-Memory can be optimized by this function.

After you have selected this function, a Dialog will appear, that will present you a proposal for the optimized Systemfiles.

If you click on the 'EXECUTE'-Button, then your old SystemFiles will be replaced by the proposal.

If you have selected 'Create Backup', then Win95Tuner will backup your old Systemfiles in the WinTuner-Folder.

Here is the Help for the Options of this function:

- load Drivers to UMB (except Himem.sys)
If this Option is enabled, then Win95Tuner will try to load all DOS-Drivers into the Upper Memory Area, so that you will have more DOS-Memory. This function will set all DEVICE commands to DEVICEHIGH commands, except the Highmem.sys Driver, that is needed to load Drivers into the Upper Memory Areas.
- minimize Buffers und FCBS
These Options are only used for the DOS-Mode.
Buffers determines how many Buffers shall be created, to accelerate your harddisks (under DOS only). Each Buffer needs 512 Bytes of Dos-Memory. Win95Tuner will set Buffers to 8 (4096 Bytes).
If you really never use the DOS-Mode, then you can set Buffers manually to 1 - just edit the File config.sys in your root-Directory.
The FCBS Option is really antique. Many years ago Applications opened files by using (File Controll Blocks).
Relly no modern (>1988 or so) Windows or DOS-Application uses FCBS. Win95Tuner sets FCBS to 1 (0 is not possible!).
The default DOS-value for Buffers is 30, the default DOS-value for FCBS is 4.
- remove SmartDrive.exe
If this Option is enabled, then Win95Tuner will remove the Driver SmartDrive from your config.sys. SmartDrive is the old Version of DoubleBuffer.sys and should no longer be in use with Windows95. Some older Windows3.x Programms and Dos-Programm install this old Driver (reason unknown).
- remove SetVer.exe
If this Option is enabled, then Win95Tuner will remover the Driver Setver.exe from your Config.sys. This Driver will be loaded automatically by IO.sys. Therefore it is not necessary to load it here.
- remove Himem.sys
If this Option is enabled, then Win95Tuner will remove the Driver Himem.sys from your Config.sys.
This Driver will be loaded automatically by IO.sys, but that will be done after the config.sys and Autoexec.bat had been executed. Do not enable this Option if you are using a Memory-Manager like QEMM or EMM386. Such Managers need Himem.sys! You should only use Memory-Managers, when you need EMS,XMS memory for your DOS-Applications(gamers!).
If you do not use Dos-Applications, then you should remove such Memory-Managers, because they slow down your system and they waste CPU-Power.

- remove DOS= Commands
If this Option is enabled, then Win95Tuner will remove all DOS= Commands from your Config.sys. These Commands are used to determine into which Memory-Areas DOS 7.0 shall be loaded. This Option will be set automatically by IO.sys and is therefore not needed here.
- remove REM Commands
If this Option is enabled, then Win95Tuner will remove all comments of your Config.sys and your Autoexec.bat. These comments can be identified by the keyword REM. You should always remove these Comments, because they are of no use - they only waste some bytes on your harddisk.
- remove ECHO Commands
if this Option is enabled, then Win95Tuner will remove all text-outputs from your Config.sys and Autoexec.bat. These text-outputs can be identified by the keyword ECHO. You can only see them, when you have disabled the BootLogo. This commands only waste CPU-Time and your Time - remove these useless outputs.

find lost Filetypes in Registry

Windows95-Applications store their Extensions (see the Help-Topic 'find lost Extensions in WIN.INI') in the Registry. These Information are used to link FileTypes with their corresponding Applications.

Sometimes Applications do not remove their Extensions in the Registry when deinstalling them. This also happens, when you do not deinstall Applications correctly (e.g if you only delete the Folder instead of using an Uninstall-Programm).

The Options for this function are identically to the ones you can find under 'find lost Extensions in Win.ini'.

Since Version 1.10 an extra-Option will appear, which allows you to delete the OLE-Information for the selected Filetypes too. If a Filetype has an OLE-Object, than the String (+OLE-OBJECT) will be added to the line, if you have activated this option.

If you remove Extensions, but they reappear in the list, then these extensions are also registered in the WIN.INI. Remove them fist from the WIN.INI by using the function 'find lost Extensions in Win.ini'.

Win95Tuner will only delete Extensions that are marked with a hook in the list.

Normally Win95Tuner already marks all lost Extensions that are linked to an Application with DriveLetter and full Path. Other lost Extensions are also displayed, but not marked. You should check out, if the corresponding Applications really does not exists, before you mark them.

