

# KANOTIX

## 2005-01 RELEASE

This is a Linux Live CD based on KNOPPIX technology using mostly pure Debian/sid.

Most tools follow the GNU GENERAL PUBLIC LICENSE. If you are in doubt, look at the specific docs.

## Specifications

- Kernel 2.6.10 with many patches
- ACPI and DMA enabled by default (can be disabled with acpi=off and nodma respectively)
- i586 optimization - not for use with older CPUs!
- 128 MB RAM required, 256 MB RAM recommended

- [AVM Fritz!Card DSL](#) support
- [Eagle USB DSL](#) support
- [KDE](#) 3.3.2
- [OpenOffice](#) 1.1.3
- [Captive](#) 1.1.5
- [ALSA](#) 1.0.8
- [GRUB](#) boot loader for CD start - ideal for rescue in command line mode
- [Memtest86+](#) - Advanced Memory Diagnostic Tool in the extra menu of the boot loader

## Usage

Simply boot from CD and enjoy Linux. Some tools may request a root password. As none is set, you have to set one using "sudo passwd" or use

"su" in konsole. Whenever you execute something with root permissions, you should know what you are doing! For web surfing over LAN no root access is required. I am sure you can discover many things to do with it :)

## Troubleshooting

Don't try to write to NTFS partitions using the standard NTFS driver included with the kernel, as its support for writing is very lacking - thus it could destroy the partition and the data in it. There is a new [Captive NTFS driver](#) that does a better job at writing to NTFS, so use it instead. For FAT partitions you can enable write-access with the context menu (right mouse button). You may not have the rights to modify Linux partitions, use the root mode in konsole if needed. Some links are not working in the menu - that is not my fault - the packages from Debian/sid are very new and may have some little

bugs, but you can always use new releases. If you find other bugs feel free to post them in the [forum](#).

## Donations

Donations and sponsors are welcome! That would help me to improve KANOTIX.

## Special Editions

If you need special features in a customized CD, [contact](#) me for details.

## Acknowledgements

- [Klaus Knopper](#) for [KNOPPIX](#) - I like it much, but I had to improve it :)
- [Stefan Lippers-Hollmann \(slh\)](#) as co-developer
- [Mipooh](#) for webspace and forum

- [Norbert Blenn](#) for [kanotix.de](#)
- [apoplex](#) for artwork and grub gfxmenu (XMAS 2003 PREVIEW, BUG HUNTER)
- [chilla](#) for artwork (BUG HUNTER)
- [Neils Elia](#) for artwork (BUG HUNTER)
- nox for help with adslstat
- alextreame (from [MORPHIX](#)) for ideas
- [Fabian Franz](#) for the installer(s) and other help
- many friends from #kanotix on irc.freenode.net and the [KANOTIX forum](#)

## Disclaimer

The CD was designed to run with

modern hardware (i586 and above). It uses swap partitions (or swap files) on HD by default, if detected. Otherwise no changes are made to your HD. If you have problems, use "nodma" or "acpi=off" options first. I am not responsible for any loss of data you may have by improper usage of the tools included! If you experience high CPU heat with laptops turn off the PC immediately - in that case ACPI is not working correctly with your system!

Have fun with **KANOTIX**!

Jörg Schirottke aka Kano  
<[master@kanotix.com](mailto:master@kanotix.com)>

Forstlahmer Str. 2 a  
95326 Kulmbach  
Germany