Knoppix

Or
"From Zero to Linux in 5*2 Minutes"

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What I am using

- Knoppix 3.9 in "Demo-Mode"
- Data on the USB memory key
- KDE desktop
- Open Office 2.0 Impress

"Automatic for the People"

- Provides a fully-functional Linux Desktop on PCs without claiming hard drive space.

- Easy enough to use as a demo

- Powerful enough for SysAdmins

- Detects many most hardware PC

- Configure many services on the fly

- Lots of applications, including cool games

- Documentation in German, English, and many other languages

You can't please everyone

- No support for non-pc hardware (MACs, SUNs, SGIs etc.)

- You can install on the hard drive but it's not easy

- Older hardware runs with limitations

- Not good for deploying a permanent server

- Can't optimized for CPU performance

Debian-Based

- The "Debian" install option for those who install to the hard drive is quite close to the Linux distribution as provided by the Debian project.

- Kpackage allows users to used apt-get to download upgrades and new packages

3 uses

- Temporary boot
  - Try before you buy
  - Use it on someone else's computer
- Preparing for another Linux distribution installation
  - Qt Parted to manipulate partitions
  - Hardware detection "lsmod"
- System administration tools...

System Administration Tools

- Allows you to "rescue" a pre-existing OS (Linux or Windows).
  - Mount your disks RW and fix broken configuration files
  - Use "fsck" to repair many different file system types
  - Boot loader repair
  - Data retrieval, scp it elsewhere
- Memtest86 test your RAM
- Nessus helps you do a security audit

Other Knoppix Versions

- Knoppix 4.0 DVD
- Knoppix 3.7 was the last version with the 2.4 kernel
- Gnoppix for GNONE
- KnoppMyth for a simple MythTV solution
- KnoppiXMAME for arcade game emulation
- Knoppix-STD for security tools

For more information

- http://www.knoppix.com
- http://www.knoppix.net/wiki/Main_Page
- Google "Knowing Knoppix"