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## PC Doctor for DOS bootable CD - ThinkPad

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The PC-Doctor DOS CD can boot the computer disregarding the operating systems and perform diagnostic programs.

- Supported ThinkPad systems:
- A30, A30p, A31, A31p
  - G40, G41
  - R40, R40e
  - R50, R50e, R50p, R51, R51e, R52
  - R60, R60e, R61, R61e, R61i
  - T30, T40, T40p, T41, T41p, T42, T42p, T43, T43p
  - T60, T60p, T61, T61p
  - X30, X31, X32
  - X40, X41, X41 Tablet
  - X60, X60s, X60 Tablet, X61, X61s, X61 Tablet
  - Z60m, Z60t, Z61e, Z61m, Z61p, Z61t

**Notes:**

- THIS SOFTWARE CAN ONLY BE USED WITH THE MACHINES ON THE SUPPORTED MODELS ON THIS PAGE.
- USE OF THIS SOFTWARE WITH ANY OTHER MACHINE IS STRICTLY PROHIBITED.
- PC-Doctor DOS provides some benchmark tests, for example, a test to indicate how much battery power remains. Results of such tests might differ from the specifications provided in the user's guide and catalog. The results vary depend ing on the testing method and the testing environment, and Lenovo does not guarantee these results.

### File details

**Version:** 2.0.1816  
**Release Date:** 2010/07/09

File link	File size	File description
<a href="#">1ety48ww.exe</a>	49,713,704	PC-Doctor DOS Bootable CD
<a href="#">1ety48ww.txt</a>	30,207	README for PC-Doctor DOS Bootable CD

### Additional information

Click here to download [PC Doctor for DOS Bootable CD for ThinkPad R400, R500, T400, T400s, T500, W500, W700, W700ds, X200, X200s, X200 Tablet, X300, X301.](#)

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### Summary of Changes

Where:

- [Important] Important update
- (New) New function or enhancement
- (Fix) Correction to existing function

#### Version 2.0.1816

- (New) Added support for ThinkPad R61i.
- (Fix) Corrected wrong CPU speed report.

#### Note:

Please refer to the README file under the "File details" section for a complete list of changes fixed by this driver update.

### Notes

- This package provides the ISO image file which creates the bootable CD of the following 'PC-Doctor DOS' ThinkPad diagnostics.
  - PC-Doctor DOS #130 (for ThinkPad A30x/A31x)
  - PC-Doctor DOS #132 (for ThinkPad T30)
  - PC-Doctor DOS #136 (for ThinkPad X30/X31/X32)
  - PC-Doctor DOS #140 (for ThinkPad R40x)
  - PC-Doctor DOS #143 (for ThinkPad T40x/T41x/T42x/R50x/R51)
  - PC-Doctor DOS #145 (for ThinkPad G40/G41)
  - PC-Doctor DOS #147 (for ThinkPad X40/X41/X41 Tablet)
  - PC-Doctor DOS #151 (for ThinkPad T43x/R52)
  - PC-Doctor DOS #160 (for ThinkPad Z60x)
  - PC-Doctor DOS #162 (for ThinkPad R51e)
  - PC-Doctor DOS #163 (for ThinkPad R60x/T60x/X60x/Z61x)
  - PC-Doctor DOS #174 (for ThinkPad R61x/T61x/X61x)
- You should install the CD/DVD writing software which supports CD/DVD creation function from the ISO image file to create the PC-Doctor DOS CD.
- To boot the computer from the PC-Doctor DOS CD, you should have any one of the following types of optical drives.
  - ThinkPad internal
  - Ultrabay Slim installed in the ThinkPad UltraBase
- Any other types (USB, PC Card, CardBus PC Card, ExpressCard or others) are not supported.
- The contents of the PC-Doctor DOS CD can not be shown by Windows Explorer.

### Creating the bootable CD

This section assumes to use Internet Explorer and Explorer.

[Downloading file]

1. Click once on the underlined file name with the left mouse button. Once this is done, some pop-up windows will appear.
2. Follow the instructions on the screen.
3. In the window to choose Run or Save, click the **Save** button.
4. Choose the folder you would like to download the file to and click the **Save** button. A different window will appear and the download will begin and complete. Once the download has completed, there may or may not be a message stating that the download completed successfully.

[Extracting file]

5. Locate the directory where the file was downloaded.
6. Locate the file that was downloaded and double-click it.
7. Follow the instructions on the screen.
8. In the "Select Destination Location" window, click **Next**. If you would like to select a different folder, click **Browse**.

9. In the "Ready to Install" window, click **Install**. All the necessary files will be extracted to the folder selected in the step 8.

#### [Creating BIOS Update CD]

10. Prepare a computer with an optical drive installed and a blank CD/DVD disc, and make sure the CD/DVD writing software is installed into the computer.
11. Locate the folder selected in the step 8.
12. Locate the file ending in ".ISO", then double-click it. A writing software will open.
13. Follow the instructions on the screen to finish writing and complete creating PC-Doctor DOS CD.

Finally delete the file saved in Step 4.

### Diagnostics procedure

1. Firmly connect the AC adapter to the target computer.
2. Make sure the computer has an optical drive installed.
3. Insert the PC-Doctor DOS CD into the optical drive and turn on the computer.
4. While either of the following messages is displayed at the lower left area of the screen, press the F12 key to display the boot menu:
  - To interrupt normal startup, press the blue **Access IBM button** or the enter key.  
Press **F12** to choose temporary boot device
  - Press **F1** for IBM BIOS Setup Utility  
Press **F11** to invoke the IBM Product Recovery program  
Press **F12** to choose temporary boot device

**Note:** The Boot Menu will be displayed. If a password prompt appears, type the correct password.

5. Press the cursor keys to select either of the following devices, and press the **Enter** to start PC Doctor for DOS:
  - ATAPI CDx (x: 0, 1, ...)
  - CD-ROM Drive
6. Follow the instructions on the screen.
7. After performing the diagnostics, remove the PC-Doctor DOS CD from the optical drive and turn off the system.

### Determining which version is installed

1. Run PC-Doctor DOS.
2. Select the **Quit** menu by keyboard or mouse.
3. Select **About**.
4. Version Number is shown.

#### **Note:**

Please refer to the README file under the "File details" section for a complete list of versions released.

### Known limitations

1. The Intel Wireless Radio test may return FAILED if the security function is enabled in the access point.
2. The additional hard drive may appear in the Surface Scan Hard Disk utility and the Erase Hard Drive Erase Hard Drive. But this is not an actual device failure because this CD is used as a virtual hard drive.
3. To test the CD-ROM or DVD on ThinkPad A30 or A30p, use floppy disk version instead of this CD.
4. Before starting several tests, Serial ATA (SATA) setting must be changed by the BIOS Setup Utility, as follows:
  - SATA Controller Mode Option: [Compatibility]
  - Setting change is needed for the following tests:
    - Fixed Disks Linear Verify
    - Fixed Disks Random Verify
    - Analog Devices HDA CODEC Test
  - If SATA Controller Mode Option does not appear in the BIOS Setup Utility, the setting change is not needed.

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## Applicable countries and regions

Worldwide

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