

## Mandriva Flash

Release 2007.0

Thank you for purchasing Mandriva Flash.

This document will help you get started with your new Mandriva Flash mobile desktop in three easy steps:

- Starting your computer with Mandriva Flash
- Setting your preferences
- Exploring your new mobile desktop

### Starting your computer with Mandriva Flash

#### Connecting Mandriva Flash to your computer

1. Connect your Mandriva Flash key to a free USB port. Using a USB 2.0 or “high speed USB” compatible port will result in a faster boot.

#### Booting from the USB key

2. Turn on your PC.
3. Your system should detect Mandriva Flash and ask you whether to boot from the hard disk as normal or from the USB key.

Note: on some systems, you may need to press a key to choose the boot device or configure the BIOS boot device precedence. Refer to the next section for instructions on configuring the BIOS.

### Setting your preferences

When Mandriva Flash loads for the first time, you are asked to choose some preferences.

#### Regional settings

1. Set your preferred language for the product.
2. Then, select your country among the list of choices displayed in the dialog box

## Read and accept licensing terms

### Select a keyboard layout

3. The configuration wizard will propose the most probable layout for your keyboard, based on the regional settings you choose. You can select another layout among the list of available choices.

Note: It is advised to select a keyboard that is widely available in your region, so you will be able to use the product on as many PCs as possible. Still, if you use the product on an unknown keyboard, you can easily change this preference, as explained below.

### Select a timezone

4. Confirm the timezone offered is correct. If the one detected by Mandriva Flash is incorrect, you can change it.

### Set the administrator password (root)

5. Enter a password for the system administrator account.  
Keep this password, you will need it to perform certain privileged operations on your key.

### Create your personal account

6. Fill in the form to create your personal account. With these informations, the configuration assistant will create your home directory on Mandriva Flash.  
Then click on 'Next'.

Note: you can also create another personal account if you wish to share this key with another person. Or else simply click on 'Next'.

### Activate the 3D desktop feature

7. Mandriva Flash comes with the acclaimed Mandriva Linux 2007 3D desktop acceleration technology. The configuration wizard automatically selects the best technology depending on your hardware

*Important note: once you have chosen your preferences, all settings will be stored on the key and you will not have to repeat these steps.*

## Discovering your new mobile desktop

Welcome to Mandriva Linux!

With Mandriva Flash you now have a full Linux operating system with office, Internet and

multimedia tools, and even games.

All the software runs directly from the flash drive. You store your personal data on the same key with all settings and bookmarks following you when you move to another place. With Mandriva Flash, any computer can be turned into your personal desktop in a flash.

### **Connect to the network**

Check that the network is connected by looking for a small plug icon or WiFi indicator in the system tray (next to the clock on the bottom right of your screen).

*In most cases, your Mandriva Flash key should have detected the available network devices and connected to whatever public networks are accessible.*

To configure network access, right-click on this same network indicator and choose 'Configure network' and follow the guidelines.

You can now hit the Internet with the Mozilla Firefox browser.

Your bookmarks, cookies and passwords will follow you wherever you go with your key.

### **Enjoy the 3D desktop**

The 3D desktop acceleration features are integrated with your normal use of the desktop.

For example, if you use the normal 'Alt-Tab' shortcut to switch between programs, you will see a nice slideshow of current programs, rather than just a row of representative icons. By pressing 'Ctrl-Alt-Left arrow' or 'Ctrl-Alt-right arrow', you can switch between different desktops represented as faces of a cube. More shortcuts are listed on the Mandriva product web site.

### **Listen to your music on the go**

Each time you connect to a PC while on the go, you can enjoy your own music. Start the Amarok music player to listen to music in a range of formats including Ogg Vorbis and MP3.

### **Write office documents in your language**

Mandriva Flash comes with OpenOffice 2.0 featuring the ISO standard Open Document formats.

Note: you can also open or create Microsoft Office .doc, .xls or .ppt files with OpenOffice.

The integrated version of OpenOffice is available by default in either English, French or Brazilian Portuguese.

To install language packs for other languages, go to <http://www.mandriva.com/linux/2007/flash>

Available language packs for this version of Mandriva Flash include:

- German language pack for OOo 2.0
- Spanish language pack for OOo 2.0

- Polish language pack for OOo 2.0
- Norwegian Bokmaal language pack for OOo 2.0
- Russian language pack for OOo 2.0
- Finnish language pack for OOo 2.0

Once you have installed a language pack, restart the OOo application and you will be able to work in a localized user interface with the dictionary for your language.

## Exchange data with other people

Mandriva Flash is pre-configured with a large FAT32 partition (750MB by default). This exchange partition is visible either from your Linux desktop or from Microsoft® Windows. This partition is a very simple way to exchange data with the host computer.

## Finding more information and getting support

Like all Mandriva product, we have designed Mandriva Flash to be easy to use for new Linux users. However, should you need further assistance for starting or using the product, there are several sources of information and support available to help you.

### General information about the product

You can find general information about the product at: <http://www.mandriva.com/linux/2007/flash>.

### FAQ

A list of frequently asked questions about the product can be consulted at: <http://www.mandriva.com/linux/2007/flash/faq>.

### Getting more information about hardware compatibility

Mandriva maintains a list of compatible hardware in the Mandriva Hardware Database. Go to <http://www.mandriva.com/hardware> or <http://hcl.mandriva.com> for further information.

### Mandriva Club

Mandriva Club is the official Mandriva users' association. The Mandriva Club forums and Knowledge Base are invaluable sources of help and information for Mandriva Linux users. Find out more about the Mandriva Club at <http://www.mandriva.com/en/community/resources/club>.

## Troubleshooting startup and configuration

### Checking your BIOS configuration

The BIOS (Basic Input/Output System) is used to setup hardware devices and then boot an operating system on the PC platform.

On most systems, you should press the 'Del' key to enter BIOS settings while the system is booting up (during the memory test). Other vendors use the 'ESC' key or the 'F2' key to access the BIOS. IBM/Lenovo machines also have a 'blue' Access/ThinkVantage key that you can use to access the BIOS configuration screen. If none of these keys work, refer to the PC manufacturer manual for specific instructions.

Go to the page 'BIOS Features Setup' (also sometimes called 'Advanced BIOS Features' or 'Boot Options') and set the flash drive as 'First Boot Device'. You can see your computer or motherboard manual for instructions on how to use the BIOS configuration screen.

### Starting your computer with the Mandriva Flash complementary CD-ROM

If the computer that you are trying to use does not support direct USB boot, Mandriva Flash contains a CD-ROM image to help you start the product on such systems. The image file is located on the exchange partition, along with this document. Refer to the section below if you need help for burning the CD-ROM.

To boot Mandriva Flash using a CD-ROM, follow these steps:

1. Connect your Mandriva Flash key to a free USB port. Using a USB 2.0 or 'high speed USB' compatible port will result in a faster boot.
2. Turn on your PC.
3. Your system should detect the media and boot from the CD-ROM. The CD-ROM will then initialize Mandriva Flash.

Note: on some systems, you may need to press a key to choose the boot device or configure the BIOS boot device precedence. Refer to the previous section for instructions on how to configure your BIOS.

### Writing the ISO image to a CD-ROM media

To create this boot CD you have to burn the ISO image provided on your Mandriva Flash key. This file is about 40MB in size and is located on the exchange partition, along with this document.

You can burn the image either on a CD or on a DVD. You will need a CD burning software such as K3b (Linux) or Nero® (Microsoft® Windows).

Take care not simply to copy the ISO file to the blank CD/DVD. Instruct your application to write the ISO file to the disc as an *image file*. The appropriate command is labeled as 'burn image' or

'write image file' in most applications.

## Changing your preferences

You can change your Mandriva Flash preferences from the 'Mandriva Control Center'. To launch the 'Control Center', click on the 'Mandriva Star' menu, go to the 'System menu', go to the 'Configuration menu', and click on 'Configure Your Computer'.

- To change your region, click on the 'System' tab on the left hand side, then click on 'Select the language and the country or region of the system'.
- To change the keyboard layout, click on the 'Hardware' tab on the left hand side, then click on 'Set up the keyboard layout'.
- To change the time and timezone, click on the 'System' tab on the left hand side, then click on 'Adjust the date and the time'.
- To configure the 3D desktop acceleration feature, click on the 'Hardware' tab on the left hand side, then click on 'Configure 3D Desktop effects'.

For further information, consult the FAQ or Mandriva documentation, such as the 'Getting started guide' available on the Mandriva Club.

## Taking care of your Mandriva Flash

The complementary CD image also contains a set of maintenance tools to control or repair your Mandriva Flash. To access these tools, reboot your system with the complementary CD. Consult section 'Starting your computer with the Mandriva Flash complementary CD-ROM' for details.

## Resolving password problems

If you cannot login into your Mandriva Flash, or if you have lost your user password, you can change by choosing 'Reset User Password' in the boot menu.

- The system will ask you 'Please insert your Mandriva Flash pen drive and press ENTER when ready'.
- After you have confirmed, the system will 'Detect pen drive' and then reset your user password. The system will now ask you 'What is your user name' and to choose a 'new user password'.

If you have lost your root password, you can change by choosing 'Reset Root Password' in the boot menu.

- The system will ask you 'Please insert your Mandriva Flash pen drive and press ENTER when ready'.

- After you have confirmed, the system will 'Detect pen drive' and then reset your root password. You now have to choose a 'new UNIX password'.

### **Making a backup of your data and restoring lost data**

It is advised to backup your personal files with this tool on a regular basis. To perform a backup of your data, choose 'Backup User Files'.

- The system will make a backup copy of your files on the hard drive. Warning: creating a backup file could take some time.
- The restoration operation is accessible with the 'Restore User Files From Backup' option in the main menu.
- The system will let you choose what backup file you wish to restore.
- The system will then restore the previously saved version of your data into your Mandriva Flash storage space. Warning: restoring a backup file could take some time.

Warning: all data stored on the key will be overwritten by the restoration process.

### **Resetting the key to factory defaults**

In some cases, you may need to reset the key to its original state. You can resetting the key to factory defaults by choosing 'Reset To Factory Defaults' in the boot menu. Warning: this operation will destroy all data stored on the key. Backup your personal data before resetting your Mandriva Flash.

### **Checking the key for bad blocks**

A USB key is probably one of the most robust device where to store your data. However, you can control the physical integrity of your Mandriva Flash with the provided diagnostic tool. Warning: searching for bad blocks in Mandriva Flash is a slow process.

- Choose option 'Test Key for Bad Blocks' to run the test.
- The system will now perform a full scan. If bad blocks are detected you will see an error message.

Mandriva Flash is manufactured with professional components and is covered by a long term warranty. If the diagnostic program confirms that your key has a problem, please contact Mandriva Store (<http://store.mandriva.com/>) to ask for a replacement.