1. 

1.1. 

1.2. 

1.3. 

1.4. 

2. 

2.1. 

2.2. 

2.3. 

3. 

4. 

4.1. 

4.2. 

5. 

6. 

7. 

8. 

8.1. 

8.2. 

8.3. 

8.4. 

8.5. 

9. 

9.1. 

9.2. 

9.3. 

9.4. 

9.5. 

10. 

10.1. 

10.2. 

10.3. 

11. 

11.1. 

11.2. 

11.3. 

12. 

12.1. 

12.2. 

12.3. 

13. 

13.1. 

13.2. 

13.3. 

13.4. 

14. 

14.1. 

14.2. 

15. 

16.
1. ######### # ######### ISO ######### 

1.1. ###

- •

1.2. ####

1.2.1. ######

- •

[####://###.######.###/##/#########/]
1.2.2. ### ## ############ #+++++++++++#

1.2.2.1. ### #############

- #######   ######   #######   #######
-  ##############   #######   #######   ######   #######
-  ######   #######   ######   #######   #######   ######   #######
-  ######   #######   ######   ######   #######   ######   #######
-  ##############   32 # 64######   64######   32 # 64#:
-  #######   32 # 64######   64######   32 # 64#:
-  #######   32 # 64######   64######   32 # 64#:

1.2.3. Live ###

1.2.3.1. ### #############

- 32 # 64#:
- 32 # 64#:
- 32 # 64#:
- 32 # 64#:

1.2.3.2. Live DVD Plasma

- 64#:
- 64#:

1.2.3.3. Live DVD GNOME

- 64#:

1.2.3.4. Live DVD Xfce

- 32 # 64#:

1.2.4. ### ## ############ #+++++++++++#

1.2.4.1. ### #############

- 32 # 64#:
- 32 # 64#:
1.2.4.2. netinstall.iso

- 1.2.4.3. netinstall-nonfree.iso

1.3.  

1.3.1.  

md5sum, sha1sum, sha512sum (#####) 

# You have chosen to open:

 Mageia-7.1-x86_64.iso

which is: raw CD image (4.2 GB)

from: http://www.mirrorservice.org

What should Firefox do with this file?

- Open with K3b (default)

- Save File

- Do this automatically for files like this from now on.

1.3.2.  

3
1.4. ###### ### ####### ISO

1.4.1. ####### ISO-# ## CD/DVD

1.4.2. ###### ISO ## USB #######

1.4.2.1. ###### # Mageia
1.4.2.2. "#DrakX #'##

```
1.4.2.2. "#DrakX #'## Windows-'#
```

```

- [####://#####.####.##/?######=##_##]  ## ########## ###### #### ######
- [####://###########.###/########/###32###########]
```

1.4.2.3. "#DrakX #'##

```
1. "#DrakX #'##
2. "#DrakX #'##
```

```
1.4.2.3. "#DrakX #'##
```

```
3. [sam5@localhost ~]$ su -
Password:
[root@localhost ~]
[root@localhost ~]
[root@localhost ~]
[root@localhost ~]
```

```
4. "#DrakX #'##
```
[root@localhost ~]# fdisk -l

Disk /dev/sda: 298.1 GiB, 320072933376 bytes, 625142448 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disklabel type: dos
Disk identifier: 0x000cb4bf

Partition 3 does not start on physical sector boundary.

Device Boot Start   End     Blocks  Id  System
/dev/sda1  *       2949  21256191 10627872 83 Linux
/dev/sda2   21256192  63528959  21136384 83 Linux
/dev/sda3  63530964  625137344 200003190+ 5 Extended
/dev/sda5  63531908  84873215 18671104 83 Linux
/dev/sda6  84875264 12761959  21670848 83 Linux
/dev/sda7  127619008 135985151 4483872 82 Linux swap / Solaris
/dev/sda8  135987200 198598655 31385728 83 Linux
/dev/sda9  198600704 471588863 136494880 83 Linux
/dev/sda10 471500912 496777994 12593541+ 83 Linux
/dev/sda11  496781312 564955079 4086884 82 Linux swap / Solaris
/dev/sda12  504958976 625137344 60089184+ 83 Linux

Disk /dev/scb: 7.5 GiB, 8010087872 bytes, 15646656 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0x15005631

Device Boot Start   End     Blocks  Id  System
/dev/scb1  *       7598079 3799039+ 17 Hidden HPFS/NTFS

5. 5

[72594.604531] usb 1-1: new high-speed USB device number 27 using xhci_hcd
[72594.770528] usb 1-1: New USB device found, idVendor=8564, idProduct=1000
[72594.770533] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[72594.770536] usb 1-1: Product: Mass Storage Device
[72594.770537] usb 1-1: Manufacturer: JetFlash
[72594.770539] usb 1-1: SerialNumber: 18MJTWLMPUCC3SSB
[72594.770713] usb 1-1:  ep 0x81 - rounding interval to 128 microframes, ep desc says 255 microframes
[72594.770719] usb 1-1:  ep 0x2 - rounding interval to 128 microframes, ep desc says 255 microframes
[72594.771122] usb-storage 1-1:1.0: USB Mass Storage device detected
[72594.772447] scsi host8: usb-storage 1-1:0
[72595.963238] scsi 8:0:0:0: Direct-Access    JetFlash Transcend 2GB  1100 PQ: 0 ANSI: 4
[72595.963626] sd 8:0:0:0: [sdd] 4194304 512-byte logical blocks: (2.14 GB/2.00 GiB)
6. DrakX, Mageia

#### 6.1. DrakX, Mageia

- dd if=/home/user/Downloads/Mageia-6-x86_64-DVD.iso of=/dev/sdd bs=1M
2.2.1. ###### (BIOS) #######

### Mageia 7 (64-bit) ###

- Install Mageia
- Rescue System
- Memory Test
- F2: Language

Select an item with the arrow keys and press Enter to boot. Press 'c' for command line, 'e' to edit.

####

- #######

- #######

- #2: ######

---

2.2.2. UEFI #######

---
### Mageia 7 (64-bit EF1)

Install Mageia
Rescue System

F2: Language

Select an item with the arrow keys and press Enter to boot.
Press `c` for command line, `e` to edit.

###

- ##############: ######## ######## ##############
- ##############:  ###  #########  ######  ######  ######  (boot: #)
- #2:  ##########:  #2  #2  ######  ######  
-  ##############:  #2  #2  ######  ######

```plaintext
2.3.  ##############:  #2  #2  #2  #2  #2  #2
2.3.1.  ##############:  #2  #2  #2  #2  #2  #2
```

-  ##############:  #2  #2  #2  #2  #2  #2
-  ##############:  #2  #2  #2  #2  #2  #2

```plaintext
2.3.2.  ##############:  #2  #2  #2  #2  #2  #2
```

---

9
2.3.3. RAM---

mem=xxxM

mem=256M

2.3.4. 

mem=256M

3. 

- 

- 

---
4. # # # # # # # # # # #

4.1. # # # # # # # # # # #

4.2. # # # # # # # # # # #
5. ####### SCSI
6. ############### ### ###############

- ###############

###############  #######  #########  ###########################  #######  

13
The DrakX Partitioning wizard found the following solutions:

1. Use free space
2. Use existing partitions
3. Use the free space on a Microsoft Windows® partition
4. Erase and use entire disk
5. Custom disk partitioning

Use the free space on a Microsoft Windows® partition
4096 = 2

(4KiB = 2 MiB)

!-

512
8.2. ####### ######### #######

- Choose the mount points
- sda1 (11GB, /, ext4)
- sda6 (46GB, /home, xfs)

- /dev/sda1
- /dev/sda6

- #######
- #######

- # /dev/sda1
- # /dev/sda6

- #######
- #######

- #######
- #######

- #######
- #######

- #######
- #######

- #######
- #######

- #######
- #######

- #######
- #######

- #######
- #######
8.3. # DrakX-#

- # DrakX-

- # DrakX-

- # DrakX-

- # DrakX-

- # DrakX-

- # DrakX-

- # DrakX-

- # DrakX-
8.4. ####### ## ###### ## DiskDrake-##

- ###### ###### ###### (####), ###### ###### ######. ####### ###### ######. ###### ######.
- ###### ###### (####), ###### ###### ######. ###### ######.
- ###### ######: sda, sdb, sdc.

- 1. ###### ######. ###### ######. ###### ######. ###### ######.
- 2. ###### ######. ###### ######. ###### ######. ###### ######. ###### ######. ###### ###. /boot/EFI.
### 1. EFI

- **Mount point**: /boot/efi
- **Device**: sda3
- **Type**: EFI System Partition
- **Size**: 200MB (1% of disk)
- **Formatted**
2. BIOS boot
8.5. #/#/#/#/#/

![Diagram of formatting options in Mageia installation process.](image)

- [sda1 (11GB, /, ext4)]
- [sdb6 (46GB, home, xfs)]

[Advanced]

---

#/#/#/#/#/ #/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/#/
9. #######

9.1. ##### ######

9.1.1. #############

1.  

2.  


64####, 32####

64#### noarch

32####

32####
9.2. ####### #######
9.3. ####### ###### ######
9.5. ****************************

SOFTWARE MANAGEMENT

Choose the packages you want to install

- Server
  - Web/FTP
  - Mail
  - Database
  - Firewall/Router
  - invictus-firewall
  - gpoint2

Info
Name: stables
Version: 1.8.2.5-mageia
Size: 3415 KB

Total size: 10802 / 13227 MB

Show automatically selected packages
Help

Previous
Install

floppy

10. ****************************
10.1.  DrakX

10.1.1.  (root) DrakX:

```
superuser
root
```

10.1.2.  DrakX

```
Bash, Dash # Sh
```

10.3.  DrakX

```
ID: #
```

30
11. ###############

11.1. ############### # ###############

Window System, X Window System, ...

• Custom

-------

•

•

•

•

•

•

•
11.2. DrakX • X (DrakX • X)

- Vendor
- X11-based
- ATI
- AB Logic
- Chip's Technologies
- Citrix Logic
- Diamond
- Digital
- Intel
- Matrox
- NVIDIA
- NooMAGIC
- Number Nine

- Other
- XDFX Vendor / Vendor II
- XDFX Vendor 3 - J. Barnhew / Rush
- AMD Gede GLXL
- Alliance Promition-based cards
- Fastbuffer (generic)
- IMS TwinTurbo-based cards
- VmediaGL

- Help
- Previous
- Next

---

---

---

---

---

---

---

---

---
11.3. ######### ### ######

Please note the following:

- Important points:
- Note the specific instructions given.
- Ensure compatibility with the system.
- Test the settings in a controlled environment.

![Monitor Configuration]

- Custom selections:
- Plugin/Play options:
  - Vendor
  - Generic

- Help button:
- Previous button
- Next button

---

• Nonfree
• 768
• 1024 #768 # 60 #

---

33
12. #######

12.1. ####### #######

12.1.1. Grub2

####2 ## ###### ###/###

• ####2## (### ### ## ##) ## ####

• ####2####,

• ####2####

• ####2####

• ####2####

• ####2####

12.1.2. rEFInd

####2#### \\

• ####2####

• ####2####
12.2. DrakX-

12.2.1. DrakX-

- DrakX-

# 12.2. DrakX-

# 12.2.1. DrakX-

## 35
12.2.2. rEFInd
### DrakX-##

**Bootloader Configuration**

- **Default:** Mageia
- **Append:**
  - splash quiet nosound rescue=0
  - U=3002250899293e-44f:723e-221a171fe4b audioswitch=0
- **Probe foreign OS**

**Advanced**

- **Help**

---

**Installation**

- **Language**
- **License**
- **Partitioning**
- **Installing**

**Configuration**

- **User**
- **Summary**
- **Updates**
- **Exit**

---

38
• ###### ###

• ##### ESP ### MBR

Not installing on ESP or MBR means that the installation is not bootable unless chain loaded from another OS!

12.3. ####### #######

12.3.1. ####### #######
12.3.2. ####### ####### #######

#### ###### 12.3.2. (### ####### 2.1 #######), ####
#### ###### 2/#######.#### ####### #### ## ### ######.

12.3.3. ####### ####### ####### #######

#### ###### 12.3.3. (### ######).#### ##
#### ###### 
#### ######.### ####### 2/#######.#### #######

13. ####### ####### #######

#### ###### 13. ####### 40
#### ######
#### ######
#### ######
#### ######
#### ######
#### ######
#### ######
#### ######
13.1. ############# #############

• ############# #############

• ############# / #############

• ############# #############

• #############

• ############# #############

13.2. ############# #############
13.3. ########### ## ###### # #########

- #####

- #########

13.4. ##########
14. #############

14.1. ############# ############# ####

- ############# ############# ############# ############# ############# ############# ############# ############# #############.

- ############# ############# ############# ############# ############# ############# ############# ############# #############.

- ############# ############# ############# ############# ############# ############# ############# ############# #############.

- ############# ############# ############# ############# ############# ############# ############# ############# #############.
14.2. ######### ###### / #########

- ######### ##### ##### / ######.
- ######### ##### ##### ### ######. ### ## ##### ## ### ##### ##########, ##### ###### #
- ############ ######## ######. ########## ·##### #### ####### ## #### ## ## ####
- ####### #### ##### #### ## #####, ####### ## ######
- # ## ######### ##### ##### /
- ·•·
- ·•·

14.2.1. #######

## ###### ###### ######. ###### ######. # ## ###### ######. ###### ######. ######

## ######. ######. # ## ###### ######. ######. # ## ######. ######. # ## ######. ## ######. # ## ######. ## ######. # ## ######. ## ######. # ## ######. ## ######.

#### ## ############ ##### #####, #### ## ######### ## ###### ## ## ##### ##########. ######

### ·•·

### ·•·

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44
15. # DrakX-##

- # DrakX-## #

---

- # DrakX-## #

---

- # DrakX-## #

---

- # DrakX-## #
16. ###############

![Image of Mouse Choice Configuration]

Please choose your type of mouse.

- PS/2
- USB
- Universal

Any PS/2 & USB mice
- force evdev
- bcm5974
- none
- serial

17. ###############

![Image of Sound Configuration]

Intel Corporation E82801AA AC'97 Audio Controller

Your card uses the "snd_intel/845" driver

- [ ] Enable PulseAudio
- [ ] Use clut free mode

Troubleshooting

Advanced
**17.1. DRAK-SOUND**

**18. DRAK-INSTALLATION**

![Mageia Installation Screen](image)

---

**Security**

Please choose the desired security level:

- **Standard**: This is the standard security recommended for a computer that will be used to connect to the internet as a client.

  Security: With this security level, the use of this system as a server becomes possible. The security is now high enough to use the system as a server which can accept connections from many clients. Note: if your machine is only a client on the internet, you should choose a lower level.

**Security Administrator:**

Login or email: [Input Field]

---

**Help**

Previews

Next
19. ###

FIREWALL

Which services would you like to allow the internet to connect to?

- Everything (no firewall)
- Web Server
- Domain Name Server
- SSH server
- FTP server
- Mail Server
- POP and IMAP Server
- MySQL server
- Echo request (ping)
- Network services autodiscovery (zeroconf and sip)
- BitTorrent

[ ] Advanced


<p class="markdown-section">20. #</p>
21. #######

![Installation completion message]

After installation, you are prompted to reboot.

22. ####### Mageia

![Mageia installation completion]

Installation is complete. You can now reboot.

For more information, consult the Mageia website at [http://www.mageia.org/].

After rebooting, you will see the Mageia Welcome screen.

Windows boot

Unknown