Насбкун# бо тасвири хурд

The tool to install Mageia with remote repositories

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1.1. #амъбаст

Mageia-<version>-netinstall-<arch>.iso (former known as Boot.iso) is a small image that contains no more than that which is needed to start the drakx installer and find either:

- **сарчашма#ои онлайн** (ё оинаи ма#алл#)
- тасвири ISO дар **диски компютерии** ма#алл# ё дар **диски USB**
- тасвири ISO дар диски **CD/DVD ROM**
- тасвири ISO дар **LAN** (шабакаи компютерии ма#алл#)

барои идома додан ба ба ан#ом расонидани насб

1.2. Пеш аз он ки шумо равандро сар мекунед

The Mageia-<version>-netinstall-nonfree-<arch>.iso (former known as boot-nonfree.iso) contains additional proprietary device drivers, which may be required for your network device, disk controller or, perhaps other device.

> The Mageia-<version>-netinstall-nonfree-<arch>.iso and Mageia-<version>-netinstall-<arch>.iso files can be used to launch a network install over a wired or wifi unencrypted network. (Encrypted wifi or bluetooth not allowed)

> Unlike when installing from DVD or LiveCD, during the first part of the installation, **Stage 1**, you will be asked to type things. During this stage, your keyboard will respond like an American keyboard [https://en.wikipedia.org/wiki/Keyboard_layout#United_States]. This can be very confusing when you need to type names and paths.

You can find the Mageia-<version>-netinstall-nonfree-<arch>.iso and Mageia-<version>-netinstall-<arch>.iso here [https://www.mageia.org/en/downloads/]. It is called Network Installation.

You can also download these images from whatever mirror you want in this list http://mirrors.mageia.org/. Just follow the path `/distrib//cauldron/$ARCH/install/images/` where $ARCH is i586 or x86_64.

After downloading the image, burn it on a CD/DVD or, if you prefer to put it on a USB stick, follow the instructions here [https://wiki.mageia.org/en/Installation_Media#Dump_Mageia_ISOs_on_an_USB_stick].

1.3. Дар #оли насбкун#

This step is also called Stage 1

1.3.1. Your computer boots in BIOS mode (also called MBR for Master Boot Record)

The first screen to appear is this one

```
                    Welcome to Mageia install help

In most cases, the best way to get started is to simply press the <Enter> key.
If you experience problems with standard install, try one of the following
install types (type the highlighted text and press <Enter>):

 o  text for text installation instead of the graphical one.
 o  linux for standard graphical installation at normal resolution.
 o  linux vga=785 for low resolution graphical installation.


To repair an already installed system type rescue followed
by <Enter>.

You can also pass some <specific kernel options> to the Linux kernel.
For example, try linux noapic if your system has trouble operating
your network adapter correctly.
NOTE: You cannot pass options to modules (SCSI, ethernet card) or devices
such as CD-ROM drives in this way. If you need to do so, use noauto mode.

[F1-Help] [F2-Advanced Help]
boot: _
```

When booting up, you can choose to read the advanced help by pressing F2 and return to the installer screen with F1. If you don't choose one, the boot will continue with default settings.

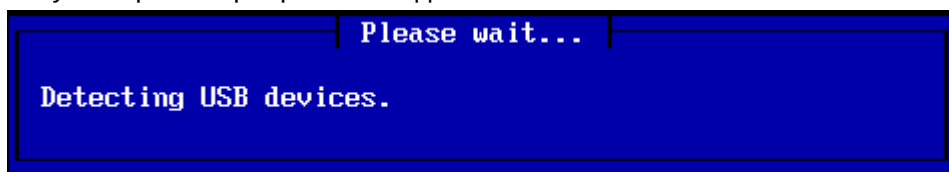## 1.3.2. *Your computer boots in UEFI mode*

The first screen to appear is this one

Use the arrow keys to select Start Mageia n Install and press Enter.

1.3.3. Дар #ар ду ре#а

Баъд аз ин шумо экрани зеринро мебинед:

During Stage 1, nothing will be written to your Hard Disk, so it is safe at any point to quit. You can do so by pressing ctrl+alt+del.

You can use alt+F3 to read the logs and alt+F1 to return to the installer screen.
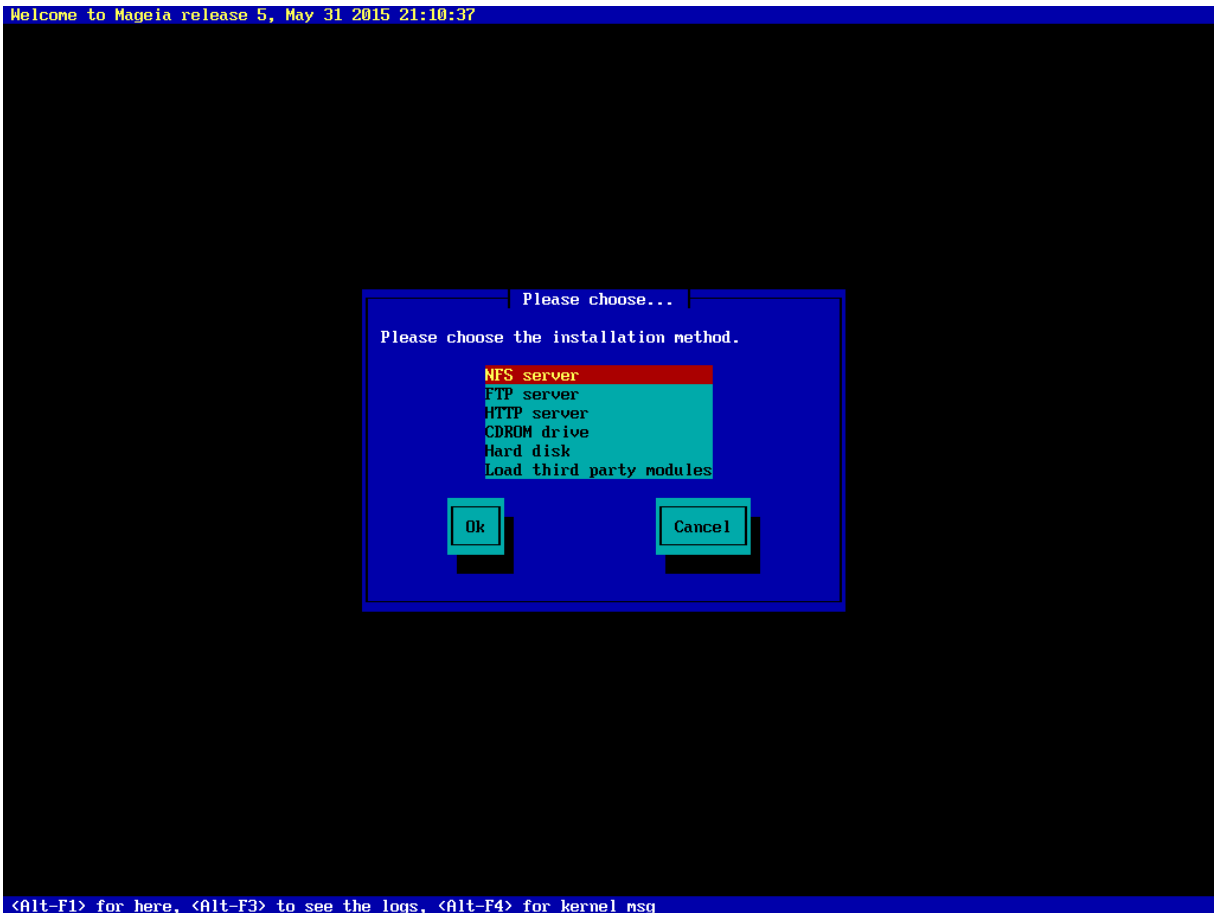
1.3.4. Choose the installation method

Use the arrow keys to move down and up the list, until your method of choice is highlighted.

If you don't know what to choose for a **Network Installation**, choose FTP server.

On an enterprise network, FTP and rsync may be blocked, so using **HTTP server** is a good choice in this case.
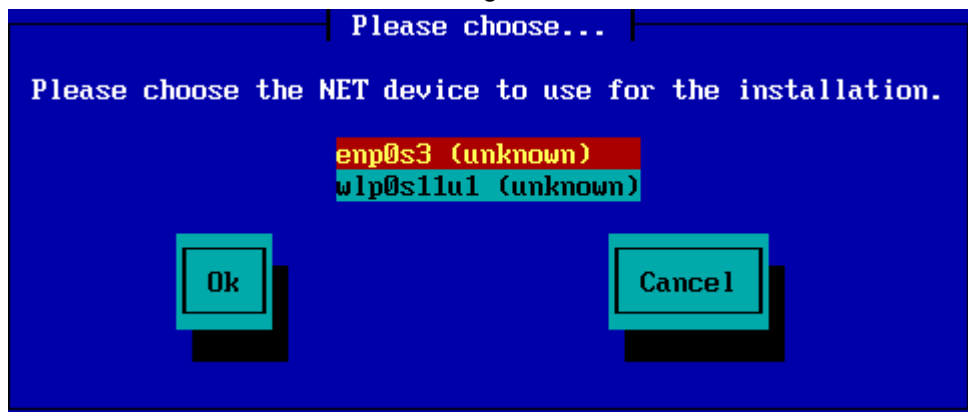
Press the tab key until Ok is highlighted and then press enter.

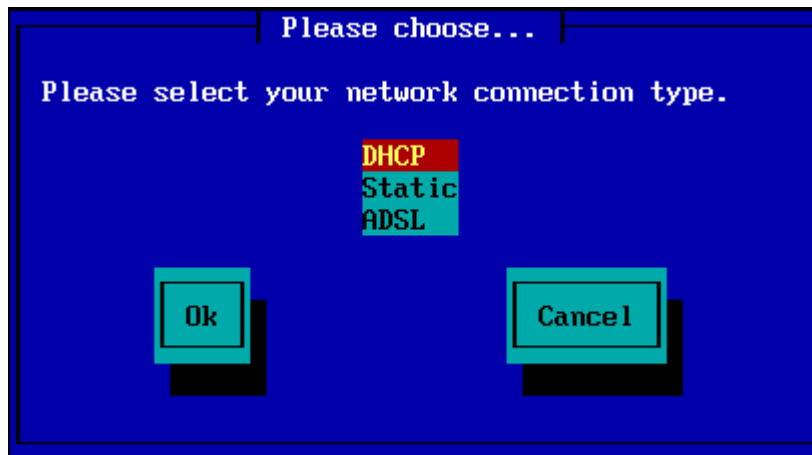For an installation from hard disk or USB stick, see below.

1.3.5. Selecting network connection type

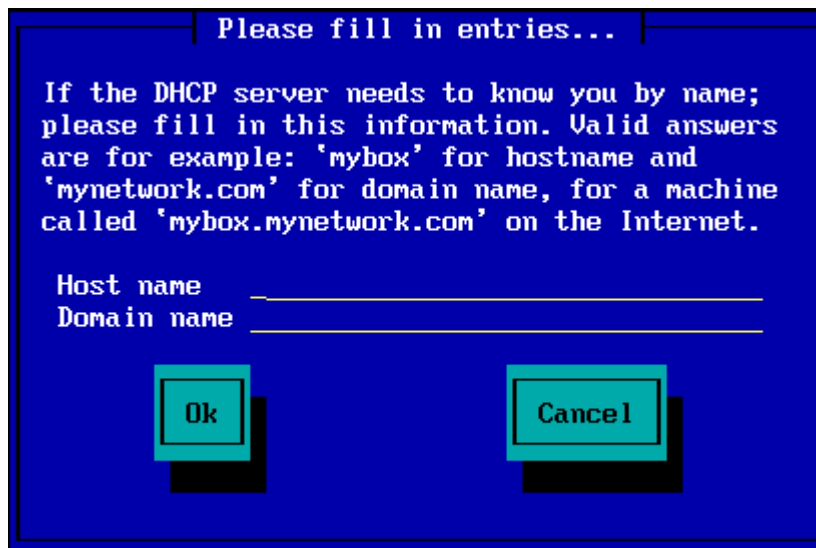If you have several network cards, choose the right one.

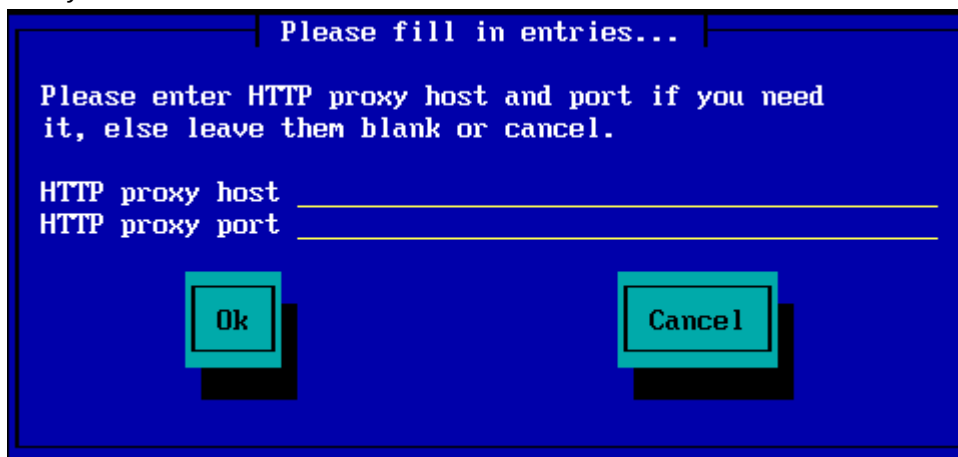If you don't know what to choose, choose **DHCP**

1.3.6. Setting host name and domain name

If you don't know what to do: leave it blank and select "Ok"

1.3.7. HTTP прокси

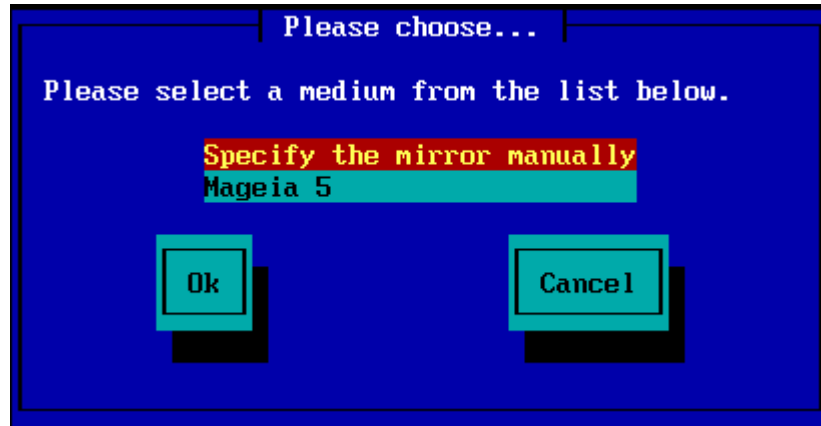Leave blank if you don't know what to do

1.3.8. Select a medium

- If you choose to specify the mirror manually, you'll have to type the path to your preferred medium. This can be very hard if you don't have an American keyboard.

- Selecting the "Mageia" option will give you a list you can choose from by moving up and down with the arrow keys.

1.3.8.1. Specify the mirror manually

Whichever server you choose, listed here [http://mirrors.mageia.org/], it should use the same tree-like structure from "mageia" (or "Mageia") as used by the official Mageia mirrors. That means .../mageia/distrib/<version>/<arch>

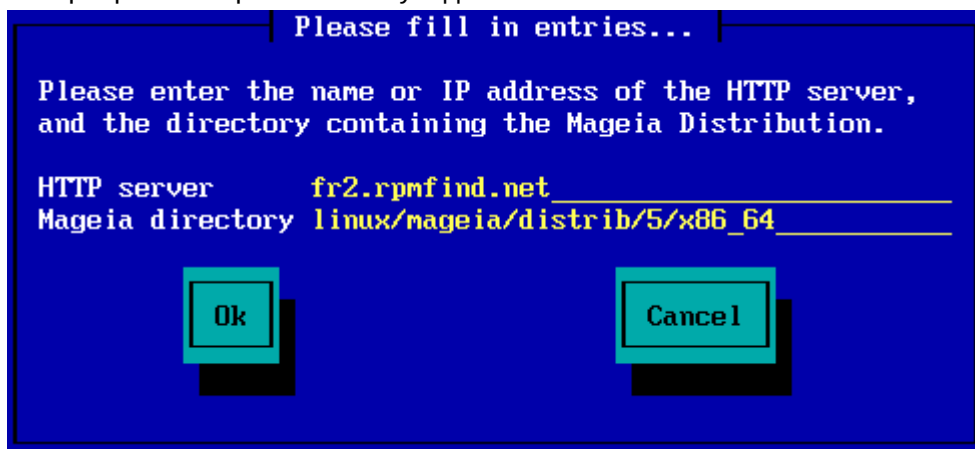A correct entry (when using an official mirror) in the "Mageia directory" field below, could be:

pub/linux/mageia/distrib/cauldron/i586

Another example for Mageia 5 x86_64 would be:
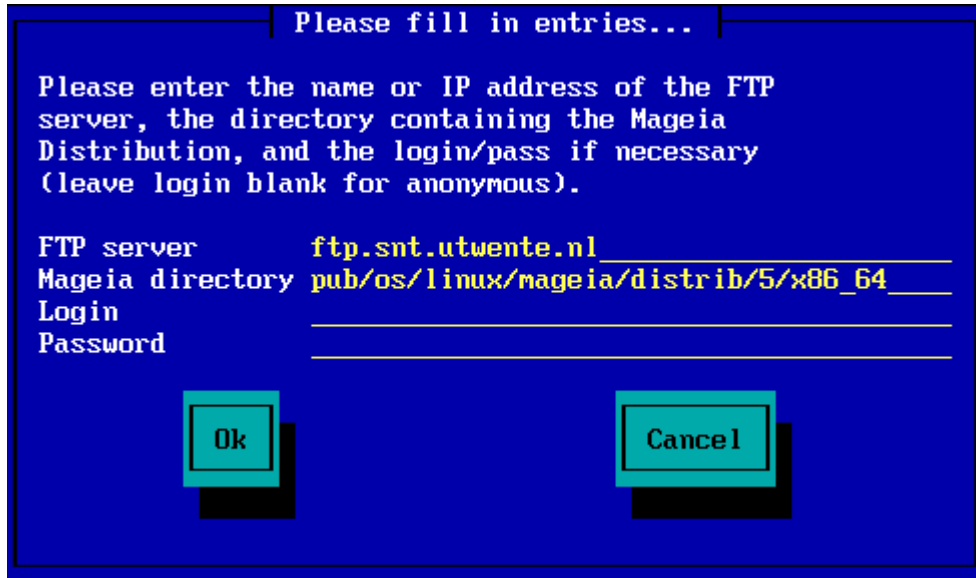
pub/Mirrors/Mageia/distrib/5/x86_64.

Other mirrors may have a different structure and the screenshots below show such examples:
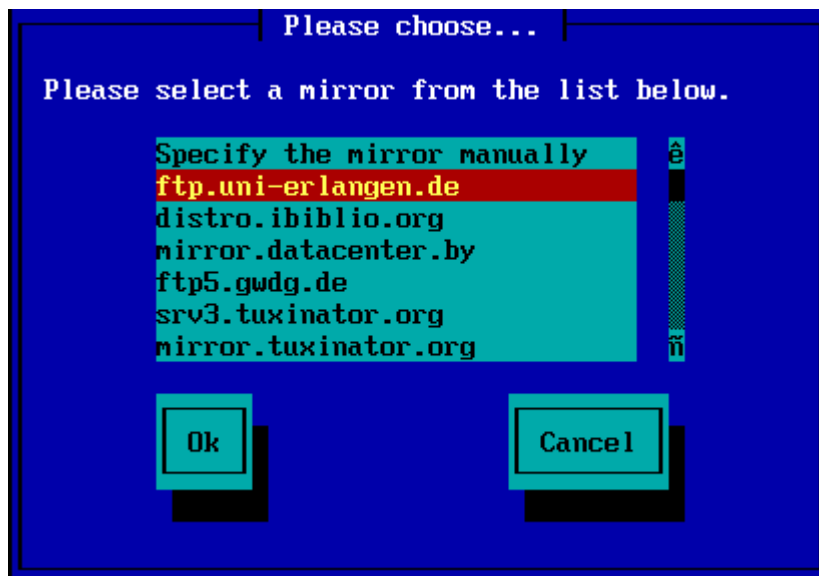
Агар шумо сервери HTTP-ро интихоб кунед:

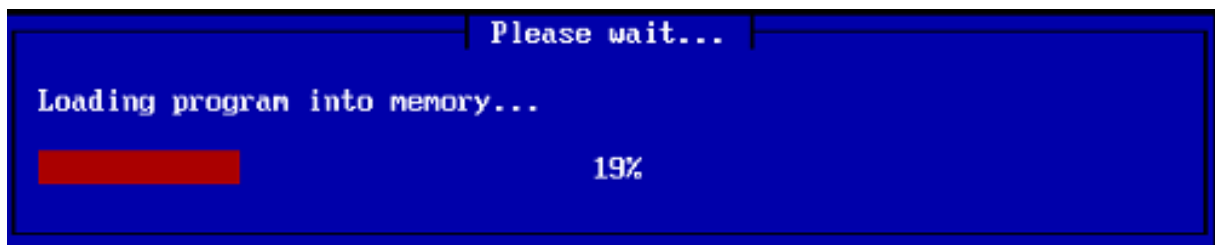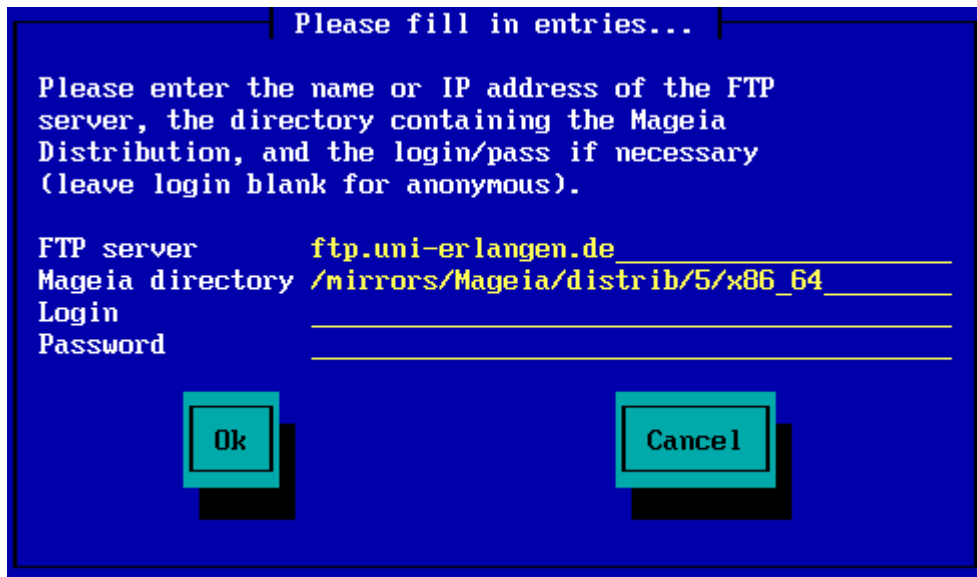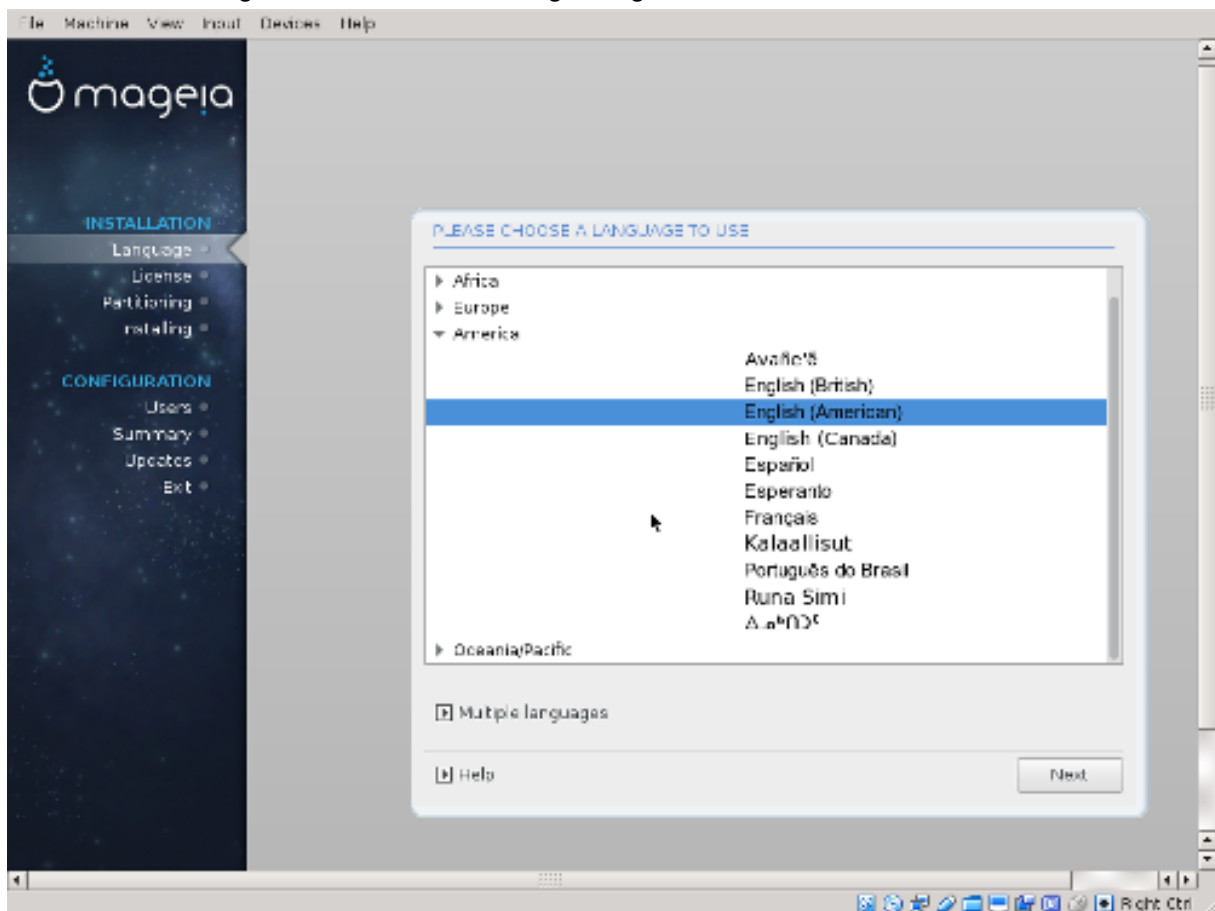Агар шумо сервери FTP-ро интихоб кунед:

1.3.8.2. Mageia n (selecting a mirror from the list)

- If you get a lot of missing dependency errors later in the install, reboot and try a different mirror.
- After choosing an FTP server, you get a screen where you can add a login name and password if required.
- After this step, **Stage 2** will be installed and started

Please fill in entries...

Please enter the name or IP address of the FTP
server, the directory containing the Mageia
Distribution, and the login/pass if necessary
(leave login blank for anonymous).

FTP server   ftp.uni-erlangen.de
Mageia directory /mirrors/Mageia/distrib/5/x86_64
Login
Password

      Ok   Cancel

Please wait...

Loading program into memory...
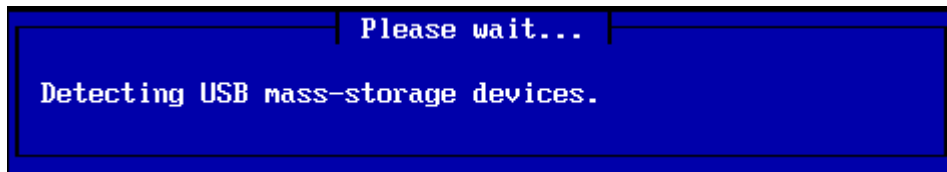
                    19%

This is the first Stage 2 screen, see Installing - Stage 2 below:

1.3.9. *Насб кардан аз диски компютер#*

```
┤ Please wait... ├
Detecting USB mass-storage devices.
```
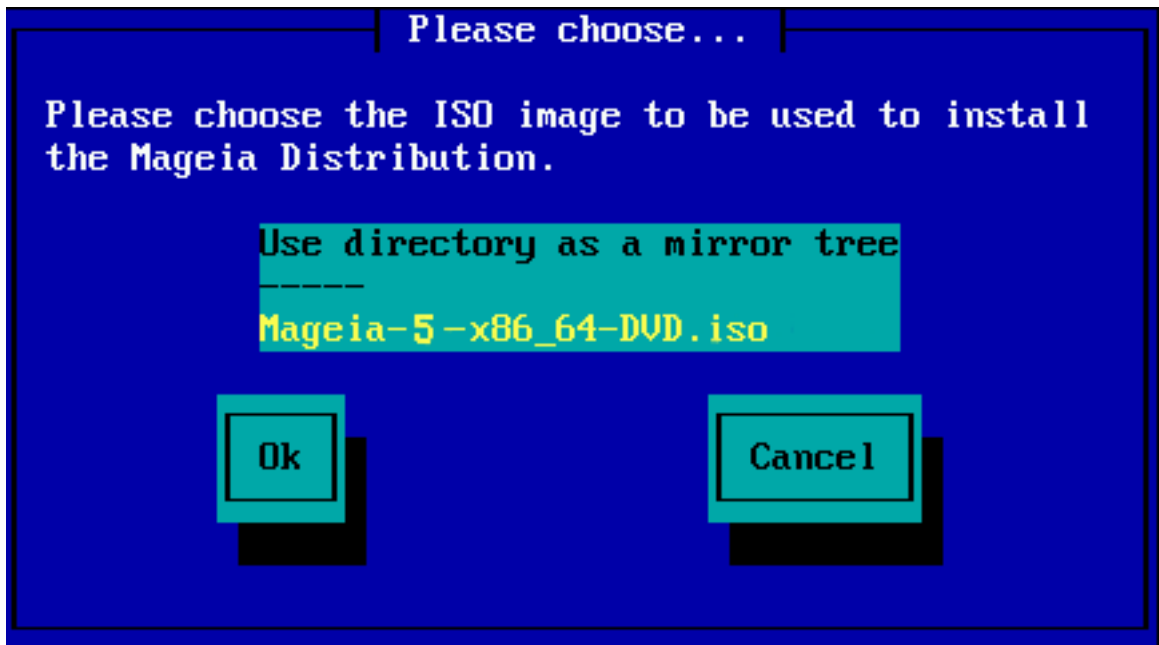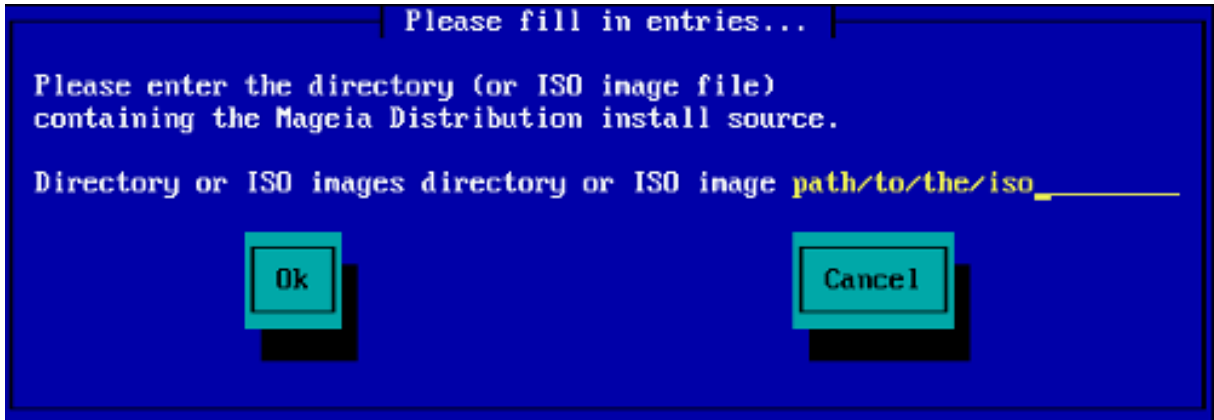
If you choose to install from hard disk or USB stick, you must know where the iso file is saved. First, select your hard drive (or USB stick)

```
┤ Please choose... ├

Please select the disk containing the copy of the
Mageia Distribution install source.

        sda (ATA VBOX HARDDISK)
        sdb (ATA VBOX HARDDISK)


    Ok                      Cancel
```

and then the partition

```
┤ Please choose... ├

Please select the partition containing the copy
of the Mageia Distribution install source.

    sda1 (size: 22544 Mbytes, type: Ext2)
    sda2 (size: 10223 Mbytes, type: NTFS)


    Ok                      Cancel
```

Then specify the directory or the file name of the iso. Leaving open or using the directory is easier, because the installer then offers you a list of directories and files, from which you can select with up and down arrows, as seen by the second image.

1.4. Installing - Stage 2

- The first screen you see now, is the "Please choose a language to use" screen. Nothing has been written to your HD yet. If you want to reboot, go to tty2 with ctrl+alt+F2 and press ctrl+alt+del. (ctrl+alt+F7 to come back if you change your mind).

- This part of the install is the same as shown in http://doc.mageia.org/installer/5/en/content/selectLanguage.html. Please click the link to continue reading and change the "5" in the URL to the version you are installing.