

Installing Ubuntu Linux on an Embedded PC

(By creating a bootable Ubuntu Linux USB drive)

<http://cstwiki.wtb.tue.nl/index.php?title=E-box>

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Embedded and industrial PC's are usually not equipped with a DVD player. If you don't have an physical CD or DVD-ROM it's possible to use an USB flash drive.

Download the 64-bit or 32bit Ubuntu-desktop-10.04.2 .iso:

<http://www.ubuntu-nl.org/getubuntu/download/LTS> or <http://releases.ubuntu.com/>

There are several ways to install Ubuntu via an USB flash drive. Assuming you don't have an Ubuntu system available, it's possible to create a bootable stick in a Microsoft Windows environment. Section 1.

If you already have an Ubuntu system goto section 2.

1. Windows

Download and Install the *Universal-USB-Installer*.

<http://www.pendrivelinux.com/create-a-ubuntu-9-10-live-usb-in-windows/>

Select Ubuntu 10.04.x, the ISO image and the flash drive letter

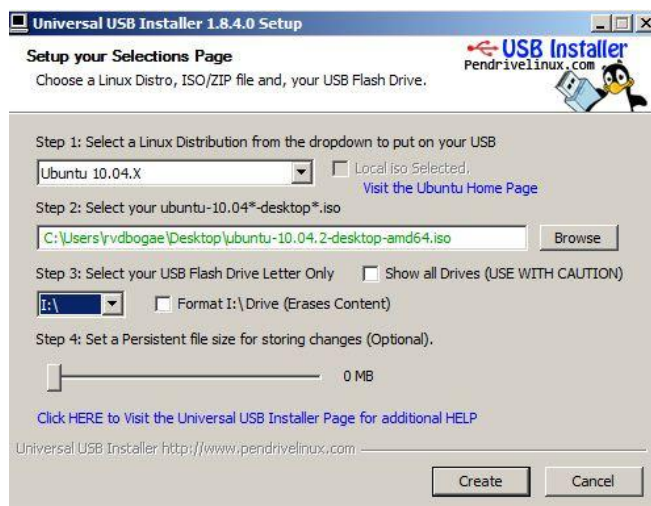


Fig 12.

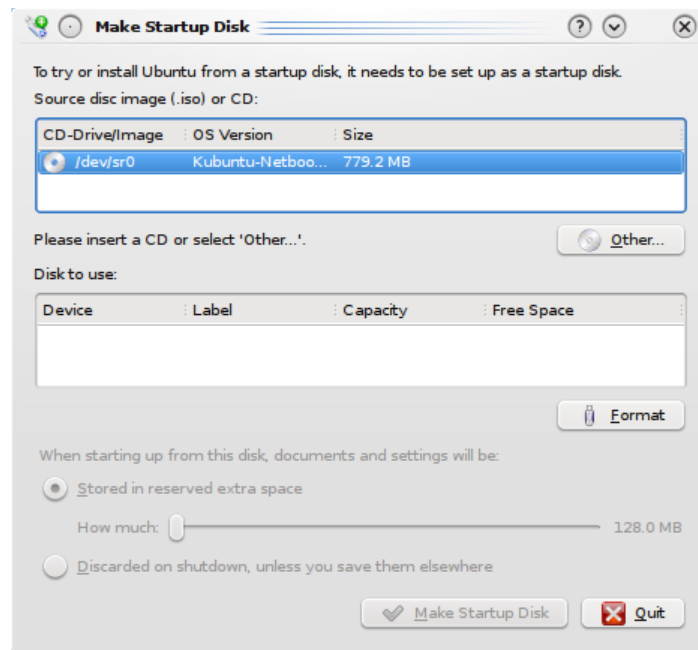
Restart Ubuntu. Linux boots directly from the USB drive and it is possible to install it to the hard disk.

2. Ubuntu

Download the usb-creator from Synaptic package manager or the commandline.

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sudo apt-get install usb-creator-gtk or usb-creator-kde
```

Run usb-creator:



Restart Ubuntu. Linux boots directly from the USB drive and it is possible to install it to the hard disk.

The following website provides more information in detail:

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https://help.ubuntu.com/community/Installation/FromUSBStick#From%20Ubuntu%20Linux
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