

BUUKenya
 ved Dan Sørensen
 Ligustervangen 38
 DK3450 Allerød
 Denmark
 CVR: 35930639

www.buukenya.com
info@buukenya.com
 tlf: +45 5020 6002 (mobilepay)
 Reg# 9570
 Konto # 11495214



BUUKenya's LUBUNTU installation på PC'er til marvel junior academy:

The PC's are installed with the Linux version called LUbuntu. In version 14.04 (LTS - Long Term Supported)

Installation is done from a USB-stick. Perhaps 1-time boot-order must be selected during bios-start to run from the USB-stick. Preferably, the PC must be connected to a wired network connection.

During installation, the following steps are made:

- Choose installation language: **English**
- Choose keyboard layout: **Danish**
- Choose time-zone (write k): **Kenya**
- Install by
 - Delete existing system
 - Use LVM
- The computer set-up includes:
 - Your name: Dan Sørensen
 - BUUKenya-100 osv (101, 102, ..., use number written on lid)
 - User-name: student
 - Password: marvel
 - Og der logges ind automatisk

When installation is done, the PC must be restarted. Remove the USB-stick when the bios begins loading

After installation, the PC searches for updates (when done, a minimized window is found in the menu-bar). Open this and:

- Choose settings:
 - 'Never' search for updates.
 - Never propose an updated LUbuntu version
- Accept this by typing the password (marvel)
- And Install the updates found (again, password marvel).

To activate the **wireless network**, select the network icon (two arrows) in the lower right side:

- Find the network '**marvel**', select this and connect with the
- passphrase '**marvelacademy**'
- Some of the computers require special treatment as described in a special section later on

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To install some extra programs, and remove some others, open a 'terminal', by "alt+ctrl+t" and write the following lines. When asked for a password, write 'marvel':

- Update the package information
 - sudo apt-get update
- Remove the standard lightweight office 'word' and 'excel' clones:
 - sudo apt-get remove gnumeric abiword -y
- Replace by the libreoffice versions. Also, a few educational games are installed:
 - sudo apt-get update && sudo apt-get install libreoffice tuxmath tuxtype tuxpaint -y
- Also, additional features may be useful (don't know much about this)
 - sudo apt-get install linux-firmware-nonfree -y

After this step, reboot the computer (lower right corner). When the computer is up again:

- Install additional software by opening terminal (ctrl+alt+t) and write:
 - sudo apt-get install lubuntu-restricted-extras -y
 - The above requires acceptance in a couple of 'information boxes'. Just accept (ok and yes)
 - sudo /usr/share/doc/libdvdread4/install-css.sh
 - sudo apt-get install vlc -y
- Turn on firewall:
 - sudo ufw enable

Some fixes to ease the use of LUbuntu:

- Enable choice of UK keyboard (for external keyboards):
 - In lower right corner, right-click the keyboard icon. Choose preferences
 - Choose tab 'Input Method' and click 'Customize active input method'
 - Select dropdown 'Select an input method' and select 'English (UK, extended winkeys)
 - Press button '+ Add' to the right.
- When an external UK-keyboard is attached to the PC, this can be selected by left-click the keyboard

Further simplifications:

- Remove the 'dual-desktop' possibilities:
 - Right-click in the middle of the bottom-bar
 - Add/Remove Panel Items
 - Choose 'Desktop pager' and click '-Remove' button
- Choose 'Keyboard layout handler' and click 'Edit' button
 - Choose 'Show layout as' Image and close

Create shortcuts on the desktop:

- Open file manager (left button in taskbar)
- Move to '/usr/share/applications'
- Select following icons and drag them to the desktop (while holding ctrl for copy)
 - Tuxmath, tuxpaint, tuxtype, libreoffice writer, libreoffice calc, libreoffice impress