

# Linutop 2

## Quick user guide



Firefox



Open Office



VLC player



Ubuntu

## Small low maintenance PC

## Linutop Configuration:



Linutop configuration menu will help you to set up linutop software. You can select the language, keyboard layout and time zone, Screen size and auto started applications.

Linutop can be configured to start automatically after reboot:  
Multimedia files: audio, video or play list, slideshows, or any added software.

At each start you can have your linutop:

- Display a Web page,
- Display a presentation,
- Play music or Video,
- Display a TV channel from the network or from a DVBT USB key.

Or you can start automatically a specific application.  
Once validated all changes will take effect at the next reboot

You can access the menu in:  
Applications > Settings > Linutop Setup

## Linutop connectors:



4 USB Ports Power button Mic Headset



Audio out VGA Ethernet Power Lock

## Specifications:

**Processor:** AMD Geode LX800 (x86)  
**Memory RAM:** 512 MB up to 1GB  
**Memory Flash:** 1 GB internal  
**Network:** 10/100baseT Ethernet (RJ-45)  
**Thin client:** PXE Boot  
**Power:** DC in 12V - 3,3A (<8W)  
**Weight:** 580 gr (20 oz) .  
Strong Aluminum Case with security slot

## Linutop Applications

Open Office 2.4, Firefox 3.0, Xfce 4.4.2, Gcalctool 5.21, VLC 0.8.6, PDF Viewer, Text editor, On screen keyboard, GQ view Picture viewer, Flash player, File manager, Archive manager.

## supported Formats:

Documents: DOC, XLS, PPT, PPTX, PDF, ZIP, RAR ...  
Multimedia: MP3, MP4, MPG, AVI, FLV ...

## Linutop Network:



**- Enable Network Manager:**  
it simplifies the uses of USB wifi keys

## - Network configuration:

By default the network uses DHCP to connect to a local network and/or internet and no action from your part should be needed.  
You can configure Static IP  
Wifi usb key with WEP  
Or Modem

## - Windows Shares:

Helps you to set up an access to a shared directory on a Windows system via the network.

You just need to enter the IP address of the Windows unit and the name of the shared directory

You can access the menu in:  
Applications > Settings > Linutop Setup Network tab

## Advanced configuration:



### - Backup/Restore

You can save your configuration on a 1GB or more USB Key. Or restore your linutop by booting on a Linutop USB Key and restore on the internal device: /dev/hda

### - Remote access

Configure the remote access to your linutop network and a VNC client, with its IP address on the About tab of the linutop setup menu.

### - Data Persistence:

To select you data persistence on the linutop, if you want to keep your data and added software (full Persistence) **effective after reboot**. or no persistence after each reboot (user settings only persistence)

### - Misc: (only for Advance Users) (command line system)

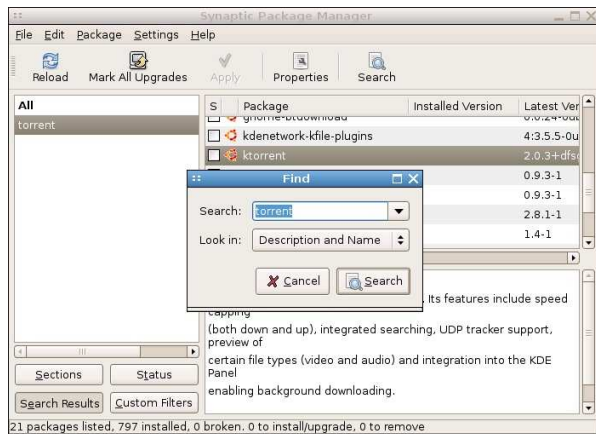
You can access the menu in:  
Applications > Settings > Linutop Setup, Advanced Tab

## Applications:

**Internal Memory:** 1GB internal memory contains the Operating System and preinstalled software. It can be easily updated with a USB Key.

400 MB is available for add on software or data.

### Adding software:



You can add software by using synaptic ( menu>system>synaptic)  
Added software will be kept in persistent mode only.

To turn on Persistent mode: go to  
Applications > Settings>Linutop configuration editor, Advance Tab  
And select full persistence and reboot.

You can access the menu in:  
Applications > System > Synaptic Package Manager

## Security:

Your Linutop can be locked with a password, and will be restored as it was at the lock point.



This feature is designed to minimize the support cost.

- switch to the persistent mode to set up the system (add applications, edit the default settings, change the system configuration...). Log out and relog as user 'user' to setup the unprivileged user preferences  
- switch to lock mode ('security' tab of the configuration tool). After a reboot, an unprivileged user will be logged in.

To deactivate the locked mode you have to Quit, Log Out and Log In under "linutop" account with you password and go back to this menu.

You can access the menu in:  
Applications > Settings > Linutop Setup , Security Tab

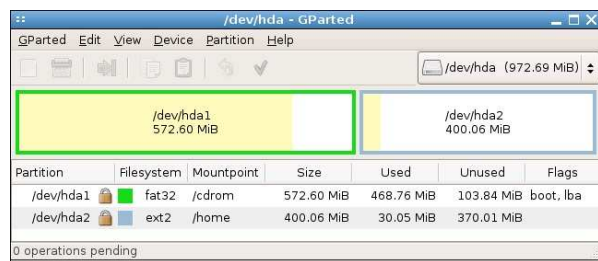
## Bios Setup:

**Linutop Bios:** by pressing **Delete** key during boot  
You can configure Boot priority

**PXE Boot configuration:** by pressing **Shift F10** keys

If you want to remove PXE boot sequence:  
Select in the Configuration Menu  
**Boot Order to ROM Disable**  
Save by pressing **F4** key and reboot

### Directory Structure:



2 partitions:

/cdrom is a **fat32** 600Mo (windows readable) containing the system  
/home is an **ext2** 400Mo for user data.

Screen saver pictures in: /cdrom/photo  
Play lists samples in: /cdrom/playlists  
User data are stored in: /home/linutop  
User desktop is stored in: /home/linutop/Desktop(Linux is case sensitive)

### Peripherals compatibility, Setup...

Please check on our Wiki [www.linutop.com/wiki](http://www.linutop.com/wiki)

Last recommendation: Always have a backup of your data and system