

# Linutop 2

Linutop is a fanless mini PC



## Benefits

**Pre-installed software solutions:** Linutop is delivered with ready-to-use software including Linutop's kiosk software, Firefox, Open Office, and VLC Media player. It can also be easily customized with additional software.

**Low maintenance:** The Linutop operating system is stored on an internal flash memory and cannot be altered by a virus or mishap. The initial state can be recovered at each restart.

**Low deployment costs:** Linutop's configuration can be backed up and duplicated on a USB key, enabling mass deployment with minimal effort.

**Energy efficient:** With no moving parts, Linutop offers a completely silent energy-efficient operation (**8W**) in an extremely small package (**580gr**).



Firefox Open Office VLC player LinutopKiosk Ubuntu



Linutop placed on the back of a flat panel, with the monitor mounting bracket accessory

## Solutions for:

### Digital Signage



Linutop offers reliability to display digital content non-stop.

Linutop Kiosk display software offers low cost and easy-to-setup digital signage solution.

Small, fanless, and silent, Linutop is ideal for light web signage and narrowcasting.

**Ideal for:** shops, bars, advertising, point-of-sale displays, vending machines, kiosks, museums, public transport, and city halls.

### Kiosks



Linutop provides simple and ready-to-use public light internet access. Linutop Internet Kiosk can be set as the starting application, with pre-defined parameters such as a whitelist or a blacklist.

The kiosk settings can be locked with a password so that the initial state is always recovered at each restart, minimizing maintenance.

**Ideal for:** waiting room, hotel lobby, office, hospitals, school, and library.

### Customizable Uses



Linutop can be easily customized for dedicated uses, such as thin client use, network monitoring, silent media player, mini file or web server.

Linutop software is stored on an internal flash memory and cannot be altered by a virus or mishap. Its USB key back-up feature minimizes development effort. Based on Ubuntu Linux, it can be easily customized with additional software.

It is fully compatible with online applications and all office standard formats.

**Ideal for:** Library, school, shared office, business center, small office, and factory.

# Hardware

## Linutop 2

**Processor:** AMD Geode LX800 (x86) 500Mhz  
**Memory RAM:** 512 MB up to 1GB  
**Memory Flash:** 1 GB internal  
 4x USB 2.0 ports  
**Audio:** 1 in & 2 out 3mm + speaker  
**Internal clock backup**  
**Network:** 10/100baseT Ethernet (RJ-45)  
**PXE Boot:** thin client use  
**Video:** VGA output (SUB-D15)  
**Video resolution:** 1920x1440 max  
**Power:** DC in 12V - 3,3A (<8W)  
**Power on button:**  
**Weight:** 580 gr (20 oz)  
 Strong case with security slot  
**Size:** 14 x 14 x 3.5 cm (5.5 x 5.5 x 1.38 in)  
 Operating temperature 10°-40°C  
 Operating humidity 10%-90%  
 AC adapter 110 - 240V~ 50/60Hz  
**Warranty:** 1 year (extensible to 3Years)



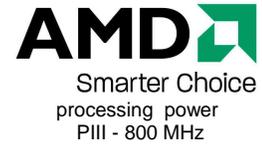
Front



Back

### Options :

- VESA monitor mounting bracket
- AC ADAPTER
- Hard Drive Kit 2.5" IDE



### Internal Memory:

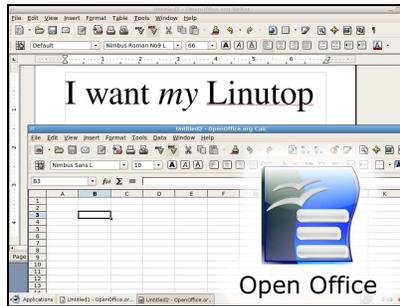
1GB internal flash memory contains the Operating System and pre-installed software, which are together 600MB. It can be easily backed up or updated with a USB Key. 400 MB is available for add-on software or data.  
 This memory can be locked, in order to make Linutop resistant to viruses or mishap.

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

# Software



Firefox



Open Office



VLC mediaplayer

### Linutop Setup menu

**Language & keyboard:**  
 English, German, French & Spanish  
 All international keyboard maps.  
**Display resolutions:**  
 up to 1920x1440 auto or manual  
**Network settings:**  
 DHCP, fix IP, Wifi USB key  
 Windows shared directory  
 Remote management with VNC  
**Advance:**  
 USB Backup & Restore  
 Data persistence,  
**Auto started applications:**  
 Web browser (web kiosk)  
 Web sites slide show  
 Picture slide show (high definition)  
 Multimedia play list  
**Security:**  
 Regular, Persistent and Lock for read only system (Maximum security).

### Linutop Applications

Linutop's Kiosk Software,  
 Linutop's Setup Menu  
 Firefox 3.6,  
 Open Office 3.2,  
 VLC Media Player1  
 GNOME 2.3 ,  
 Pidgin 2.6,  
 PDF Viewer,  
 Text editor,  
 On screen keyboard,  
 GQ view Picture viewer,  
 File manager,  
 Network manager,  
 DVBT Drivers for Digital TV USB dongles  
 Thin Client: VNC, RDP ...

### supported Formats:

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

### Linutop Kiosk Software



### Internet Kiosk allows to select :

- Starting homepage
- Black list/ white list of websites
- Timed out message

### Display Kiosk:

- Enables the management of the playlist, including the time and order,
- Supports JPEG, URLs, and video files.

Linutop OS 4.0 is based on customized Linux Ubuntu 10.04 "Lucid Lynx"



Linutop was awarded the TIC21 prize for sustainable innovation.



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