

# iMedia Embedded Linux

Small Embedded Linux distribution for mini-ITX / x86 systems.



**iMedia Embedded Linux** is a hybrid between a small embedded Linux distribution and full featured linux distribution. With iMedia Embedded

Linux distribution [Mini-Box.com](http://Mini-Box.com) introduces a new category of linux distro: a hybrid between a small embedded and full featured linux distribution. While not having the restrictions of an embedded linux distro (like small range of hardware / architectures, non standard libraries, file systems) it is much lighter in disk space and cpu/memory usage than a full featured linux distribution. Media Embedded Linux is library compatible with most used big linux distributions making easy for the users to extend and customize their install.

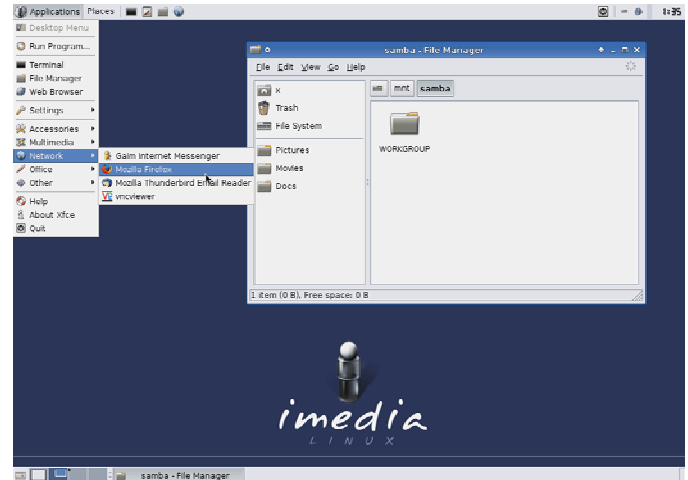
**iMediaLinux** is suitable for low power general purpose or embedded PC designs. Optimized for performance capabilities comes with a selection of the best applications and desktop-tools to help you with

## What iMedia Embedded Linux can offer

**Complete home-desktop features.** iMediaLinux provides everything Linux user needs for home computing. It includes a complete Linux operating system plus a complete set of desktop applications - office suite, Web browser, instant messaging client, and graphical graphics tools, multimedia software, games and much more. It also includes the latest software for home networking, wireless support, application security and software development.

**Simple installation and customization.** iMediaLinux uses a menu driven installation program which allows users to customize their install by selecting what packages they want or use predefined templates. Choose the default set of applications to get a great desktop or customize your entire computing environment.

**Lightweight desktop environment.** MediaLinux is based on XFCE (16Mb) as it is default desktop environment which provides better performance and high efficiency. It consists of a number of components



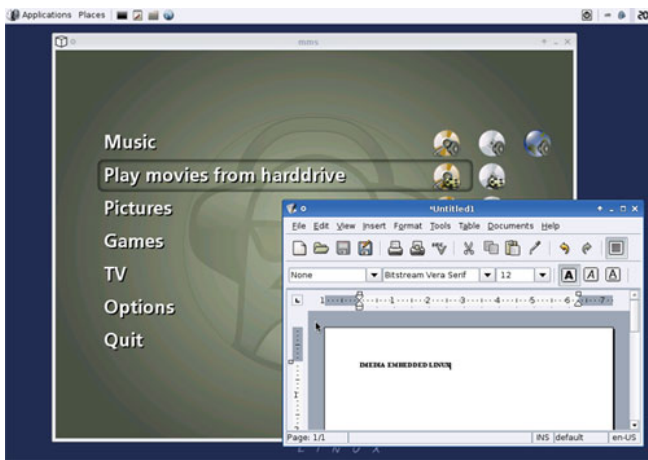
your most common home-computing tasks. We packed together a suit of modules and applications that can be exchanged and individually configured to turn your PC into a complete Linux desktop system including web browser, office tools photo catalog, multimedia application and much more.

that together provide the full functionality of the desktop environment like: window manager, file manager, a set of themes, and other programs and libraries in order to help you with your most common home-computing tasks.

**Extended Wireless support.** iMedia Embedded Linux comes with everything you need to connect to home or public wireless networks. It uses ndiswrapper for wireless network cards which supports mini-pci, pci, pcmcia and usb wireless cards. iMediaLinux automatically locate and connect to any available wireless network.

**Better mini-itx boards support.** iMediaLinux has been tuned for all VIA mini-ITX, Geode LX and Intel/Sis mini-itx boards supporting 3D OpenGL hardware acceleration, 2D acceleration, MPEG acceleration support in MPlayer and MythTV.

**Installation targets and boot devices.** iMedia Embedded Linux can be installed almost anywhere including Compact Flashes, USB hard drives, ZIP or memory sticks, SATA or SCSI hard drives.



## Key Benefits

- Flexible and customizable linux platform.
- Complete office suite, graphics and photo organizers.
- Advanced wireless and home networking support.
- Intuitive and user-friendly interface.
- Extensive multi-media tools multi-media tools making it easy to view multimedia files.
- Installs anywhere: USB stick, USB harddrive, USB ZIP, Compact Flash, SATA, SCSI.
- Desktop reliability and security.

## What else can you build with iMediaLinux

### Settop box/ Kiosks software

iMedia Embedded Linux has the ability to provide a functional desktop where embedded platforms such as set-top boxes, kiosks or car-pc for which screen space, input mechanisms or system resources are limited by using matchbox window manager, automatic XWindows login without the need to enter a username or password, several touch screen drivers and an "on screen" input.

### MMS Settop box

Media Linux has the ability to turn your PC into a multimedia system by choosing to install MMS Settop box template. Everything needed to play DVD, VCD, SVCD, DivX/Xvid, view pictures and listen to music fits under 35Mb. Several remote controls are supported with the ability to add your own driver provided by lirc software. Support for network storage (nfs or samba) or an USB disk is automatically installed. Note: This installation provides automatically startup of MMS and boot splash graphics.

### Network appliances box

Media Embedded Linux can be used on very low disk space and limited memory/cpu resources computers, especially on network appliances like WRAP boards which don't have a video card, standard PCI, IDE or BIOS components. Special tuned kernel and system configuration assure a fast boot time, low resources usage and good system response under high load.

### MythTV Settop box

Media Linux can install a full featured MythTV system turning your PC into a Personal Video Recorder system. The default template automatically installs the drivers needed for mythtv to run with a VIA mini-itx mainboard and a Hauppauge PVR card with remote control port or a normal tuner video capture card. This template also configures 2d/3d and MPEG hardware acceleration on VIA boards and has the latest ivtv drivers for hauppauge cards (including firmware) or bttv drivers for normal video capture cards.

For the latest information on imedialinux distribution, visit [www.imedialinux.com](http://www.imedialinux.com) and [www.mini-box.com](http://www.mini-box.com)

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