

Release Notes: OsnofianLinux - MusicPlayer - V 4.5 (USB)

Afonso Guerra Assunção (afonso@osnofialinux.org)

January 2008

1 Introduction

After more than five years developing Osnofian Linux in the floppy format, a decision was made to rebuild the distribution with support for different media and file storage devices.

With the evolution of personal computers, the floppy disk that were ubiquitous among us are being replaced by USB disk drives. The lack of time and the stability of the previous build have caused me to delay the release of this version, nevertheless recent requests for an upgraded version caused me to reconsider, sorry for the delay!

The main new features of this release are the new file formats supported (ogg and sid), and the ability to boot and read files from hard disks and USB disks. The support for ISA sound cards has been removed for parsimony reasons.

Since the space limitation has been removed, several more features will be added in the future to increase the possible uses of this distribution. The planned improvements are audio CD support, and support for playing files over a network. This release already contains kernel modules for network cards and some network management programs compiled into busybox, but full network support is not implemented yet.

2 Install

2.1 Create a bootable USB drive / Install to HD

1. Copy all the files in this release to the desired disk

Note: The disk must be formatted in fat/fat32 filesystem format

2. Install syslinux on the disk to make it bootable

Beware: If you run syslinux on your windows partition you will not be able to boot back to Windows

3 Software Available

3.1 System

- Linux Kernel v2.6.22
- Busybox v1.6.1
- Syslinux v3.51

3.2 Music Player

- mp3blaster v3.2.3
 - Includes nmixer volume manager

3.3 Main Libraries

- libvorbis
- libogg
- libsidplay
- libncurses
- libpthreads
- uClibc

4 Hardware Requirements

- Pentium class processor
- 32Mb of RAM
- Linux compatible PCI sound-card

5 Media Files Supported

- mp3
- ogg
- sid
- wav

6 Copyright

- OsnofianLinux - MediaPlayer v4.5 (USB) - Copyright (C) 2002-2008 José Afonso Guerra Assunção

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation version 2 of the License.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Note: This release was built on and may use some libraries from Xubuntu 7.10 (www.xubuntu.com)