



# The Pegasos book

« Le livre du Pegasos »

Compilation of articles on the Pegasos  
Volume 1 : Introduction and release notes

May 2007 edition - By Geoffrey CHARRA (V2.3)

Translated from french by Geoffrey CHARRA (December 2007),  
With the help of Eric WALTER, Thibault JEANSON, Denis HILLIARD (translation)  
and Fulvio PERUGGI (corrections)

Sponsored by





## Contents

<a href="#">1 Objectives .....</a>	<a href="#">3</a>
<a href="#">2 Sources and references.....</a>	<a href="#">3</a>
<a href="#">3 Versions of the document.....</a>	<a href="#">5</a>
<a href="#">4 License .....</a>	<a href="#">7</a>
<a href="#">5 Greetings.....</a>	<a href="#">8</a>
<a href="#">5.1 Authors.....</a>	<a href="#">8</a>
<a href="#">5.2 Translators.....</a>	<a href="#">8</a>
<a href="#">5.3 Donators.....</a>	<a href="#">8</a>

## 1 Objectives

The purpose of this document is to gather various sources of information and articles about the Pegasos in several thematic documents, which can be read offline and/or printed easily.

The Pegasos book is composed of the following volumes :

- Volume 1 : Introduction and release notes
- Volume 2 : Presentation of the Pegasos
- Volume 3 : MorphOS
- Volume 4 : Linux, MacOSX and other systems

The information gathered herein was checked rigorously. However, the authors do not guarantee their accuracy and decline any responsibility for any damage or any loss that could be caused, whether directly or indirectly, in all or partly, by the use of this documentation.

This information provided here is not intended to replace the official information provided by the companies implied directly in the Pegasos or MorphOS development.

The original version of this document is the French language version. The last version of this document and their translations are available on <http://thepegasosbook.wikipeg.org/>.

I would like to express my gratitude to the authors of the various articles I used and David Brunet in particular for his close cooperation, as well as for the many articles that were taken from his web site "Obligement" as well. "

I also like to thank the people helping me to translate this document into other languages as well as the various donators for their financial support.

Special note for translated versions : please report translation mistakes to [lugduweb\[at\]wikipeg\[.\]org](mailto:lugduweb[at]wikipeg[.]org).

## 2 Sources and references

<http://www.wikipeg.org>

- Beginning on the Pegasos platform and MorphOS » - Débuter sur Pegasos et MorphOS - David Brunet, Geoffrey Charra, Guillaume Roguez – March 2005, update February 2006)
- FAQ Ambient (Geoffrey Charra, 2005)
- Linux Debian on Pegasos II and Pegasos I (Geoffrey Charra, 2005)
- Linux distributions list on Pegasos (Geoffrey Charra, November 2005)
- Linux Yellow Dog on Pegasos II (Geoffrey Charra, December 2005)
- Linux Crux PPC on Pegasos II (Geoffrey Charra, December 2005)
- Linux Suse on Pegasos II (Geoffrey Charra, December 2005)
- Linux Ubuntu on Pegasos II (Geoffrey Charra, December 2005/January 2006/August 2006)
- Linux Gentoo - Transformer son Pegasos en Media Center (Geoffrey Charra, September 2006)

<http://obligement.free.fr>

- In practice: MorphOS - configuration of MUI (En Pratique : MorphOS - configuration de MUI 3.9 - Guy Maysonnave - Obligement 48 - December 2004)
- In practice: MorphOS - configuration of preferences (En pratique : MorphOS - configuration des préférences - Guy Maysonnave - February 2004)
- in practice: ADSL on Amiga (En pratique : ADSL sur Amiga - Fabien Coeurjoly – Obligement 29 – September 2001)

- In practice: Freebox on Amiga (En pratique : La freebox sur Amiga - Vincent Loubry – Obligement 49 – February 2005)
- In practice: how to create a multiboot on Pegasos (En pratique : créer un multiboot sur Pegasos - Nicolas Gressard, Obligement 49 – February 2005)
- In practice: Installation and configuration of E-uae (En pratique : Installation et configuration de E-UAE Alexis Mouth, Obligement 49 - February 2005)
- In practice: installation of Linux/Debian PPC on Pegasos (En pratique : installation de Linux/Debian PPC sur Pegasos Nicolas Det, Obligement 38 - April 2003)
- In practice: installation of PegXMac on Pegasos II (En pratique : installation de PegXMac sur Pegasos II David Brunet - July 2005)
- In practice: installation of MacOnLinux on Pegasos II (En Pratique : installation de MacOnLinux sur Pegasos II Nicolas Gressard Obligement 48 - December 2004)
- In practice : installation of MacOSX on Pegasos with MolK (Vincent Loubry – April 2006)
- In practice : installation and configuration of E-UAE (David Brunet, Geoffrey CHARRA – October 2006)

<http://www.morphos-news.de/>

- MorphOS / Pegasos Quickstart guide (MorphOS / Pegasos - Guide de démarrage rapide - Jürgen Lucas , traduced in french by Fabrice Lehaut, in english by Andreas Zierl).
- Creating a MorphOSbootCD - Jürgen Lucas

<http://www.amigaimpact.org>

Ubuntu 5.10 on Pegasos2 (with the help of Thibaut JEANSON).  
Compiling Ambient (with Fabien COEURJOLY's help)

<http://www.ubuntu.com>

- MacOnLinux howto (wiki)
- Ubuntu install howto (wiki)

<http://cruxppc.sunsite.dk/handbook.html>

Crux handbook

<http://stage.terraplex.com/~bill/freescale/>

Yellow Dog Linux Guide

[http://www.freescale.com/files/32bit/doc/app\\_note/AN2930.pdf](http://www.freescale.com/files/32bit/doc/app_note/AN2930.pdf)

Installing SUSE on Genesi Pegasos

<https://vogelweith.homeftp.net/Linux/e17.php>

Enlightenment DR17 HOWTO (Debian)

<http://www.pegasos.org>

Compiling Ambient

Ubuntu Dapper on Pegasos (Gunne)

Ubuntu Edgy on Pegasos (Kozz)

<http://www.ppczone.org>

Linux Ubuntu 6.06 Dapper

<http://en.opensuse.org/PegasosQuickStart>

Linux SUSE : Pegasos Quickstart guide (Péter Czanik "CZP")

<http://www.gentoo.org>

Installation of Gentoo, ALSA, MythTV

Documents :

" Home Media Center Built with Linux on PowerPC Architecture

" by P.Van den Abeele (Genesi) & Sergei Larin (Freescale)

### 3 Versions of the document

Version	Details	Date
2.3	<p>Vol1: Minor changes</p> <p>Vol2: No change</p> <p>Vol3: Update MorphOS section</p> <p>Tome4: Add chapter "Tricks and hints under Linux on Pegasos" Addendum : Reorganisation of information Update installation of Linux Debian (v4.0) Update installation of Linux Ubuntu (v7.04 Feisty) Add usage of bootcreator Add usage of chroot command Add usage of NFS to fast up compilations Add usage of Nintendo Wiimote on a Pegasos</p>	May 21 <sup>st</sup> 2007
2.2	<p>Vol1: minor changes</p> <p>Vol2: 1 : Update Presentation =&gt; "Specifications of the Pegasos" 6 : Update Where to buy a Pegasos ?</p> <p>Vol3: 10.3.1.2 : Add UAE/EasyADF PCMCIA Compact Flash Transfer Kit</p> <p>Vol4: 1.1 : Renamed to "Global Information" 1.1.1 Update Linux distributions running on Pegasos 1.1.2 Add Hard disk partitionning under Linux on Pegasos (Moved from Linux Debian/Suse) 1.1.3 Add Tips and hints (Moved from Linux Debian) 1.3.1 Add Ubuntu/Base install of Edgy 6.10 version (with GNOME window manager) 1.6 : Add Installation of Linux Fedora Core on Pegasos II</p>	November 29 <sup>th</sup> 2006
2.1	<p>Vol1: minor changes</p> <p>Vol3: Add Amiga68k emulation (chapter 10)</p>	October 28 <sup>th</sup> 2006
2.0.2	Minor corrections in all volumes	October 9 <sup>th</sup> 2006
2.0.1	<p>Vol 1 : Update of Introduction, greetings, translator list</p> <p>Vol 4 :Correction in Linux Debian article.</p> <p>Add article about transforming a Pegasos into a Media Center with Linux Gentoo and MythTV + EZPegTV CD usage</p>	September 26 <sup>th</sup> 2006
2.0	<p>Split of V1.5 into 4 volumes :</p> <p>Chapter 1 =&gt; Vol 1: Introduction and release notes</p> <p>Chapter 2 =&gt; Vol 2: Presentation of the Pegasos</p> <p>Chapter 3, 7 =&gt; Vol 3: MorphOS</p> <p>Chapter 4, 5, 6 =&gt; Vol 4: Linux, MacOSX and other systems</p>	August 12th 2006

	<p>Vol1: Update of Introduction Update of Versions of the document Update of Greetings (donators, translators)</p> <p>Vol2: Update Pegasos I&amp;II specs (sound chip) Update list of supported 3D graphic cards Update list of supported TV cards Update floppy disk support Add firmware versions</p> <p>Vol3: Update MorphOS installation Add 3D drivers installation Add MorphOS add-ons Update MorphOS software overview</p> <p>Vol4 : Add Installing Linux Ubuntu 6.06 Dapper Update Installing Linux Ubuntu 5.10 Breezy Add Installing Linux SUSE 10.1 Update Installing Linux SUSE 10.0 Update Installing MacOSX with PegXMac Add Installing MacOSX with Molk</p>	
1.5	<p>Update 1.1 Object Update 1.5 Greetings (authors, translators, donators) Update 2.1 Presentation of the Pegasos Add 2.1.3 The processor card Update 2.2 Pegasos versions Add 2.2.2 Specificities of the ODW Update 2.3 Hardware compatibility Update 2.4 Hardware and software known problems Update 2.6 Where to buy a Pegasos ? (ex. 7.1) Update 2.7 Websites about the Pegasos (ex. 7.2) Update 3.1 Presentation of MorphOS Update 3.2 Installation of MorphOS Update 3.3 Presentation of the MorphOS tree Update 3.6 Ambient Changed 3.6.7 Compiling CVS Ambient version splited in 3.6.7 Obtaining the latest Ambient version and 7.2 Compiling Ambient Update 3.7 Tips and hints Add 3.7.6 Using MorphUP, the packages manager Update 3.8 Network setting Update 3.8.1 TCP/IP stack install under MorphOS Add 3.8.1.2 Installing MOSNet Update 3.8.2 ADSL with a Freebox (France only) Move 3.8.3 as 3.8.3.4 ADSL on Freebox Update 3.8.3 Connection of a Pegasos to a network LAN with DHCP (Internet via ADSL modem) Update 3.9 Software development on MorphOS Update 3.10 Overview of MorphOS softwares and moved to 7.1 Update 3.12 Sites about MorphOS (ex. 7.2, 7.3) Update 4.3 Linux Ubuntu (mostly KDE) Add 4.3.3 Installation of Xfce</p>	March 18th 2006

	Add 6.3 CDGA Add 6.6 Mupper rescue CD Add 6.7 Others Live CD	
1.4	Not released	
1.3	Translation of V1.3 R2 (french version) – January 2006 Edition – Partial beta translation (only UAE chapter missing) Add 1.5 Donators list Update 2.3.3 memory Update 3.2.3 HD installation Add : 3.2.11 In the event of impossible boot : deleting the MBR with a PC Update of 3.10 Overview of MorphOS softwares Add 3.6.7 Compiling the CVS version of Ambient Update 4.5 Linux Ubuntu Add 4.3.4 Linux Ubuntu : Installation of KDE Add 4.3.5 Linux Ubuntu : Installation of Enlightenment e17 Update 4.4 Linux Yellow Dog Add 4.5 Installation of Linux Suse on Pegasos II Add 4.6 Installation of Linux Gentoo on Pegasos II Add 6. Other systems (LiveCD AROS, Freevo...)	January 22 <sup>nd</sup> 2006
1.2	Translation of V1.2 (french version) – December 2005 Edition – Partial beta translation Add 3.9.1.4 physics engine Update of 3.10 Overview of MorphOS softwares Remake 4.2 Linux Debian on Pegasos I et II. Update 4.3 Installation of Linux Ubuntu sur Pegasos II Add 4.4 Installation of Linux Yellow Dog sur Pegasos II Add 4.5 Installation of Linux Crux sur Pegasos II Update 5.3 Installation of MacOS X on Pegasos II from a minimal Linux Debian Add 5.4 Installation of MacOS X on Pegasos II from Linux Ubuntu	December 18 <sup>th</sup> 2005
1.1	Translation of V1.1 R4 (french version) – November 2005 Edition – Partial alpha translation (MorphOS + Linux Ubuntu) Update of 3.10 Overview of MorphOS softwares Add 3.6.5 FAQ Ambient Add 3.7.5 Creation of a boot CD for MorphOS Add 3.8.7 Wireless Wifi connexion Add 4.5 Installation of Linux Ubuntu on Pegasos II Minor updates	November 23 <sup>rd</sup> 2005
1.0	Original document – October 2005 No english version	October 8 <sup>th</sup> 2005

## 4 License

Thank you to respect the following license which applies to this document but also to the other volumes:

Free private use : this document can be downloaded and/or copied freely for a free private use.

Free public use : this document can be downloaded and/or copied for free public free use. A link to the original site of the document (<http://www.efika.org> or <http://www.wikipeg.org>) or an associated note, is however required on the page containing the document.

Commercial use : any commercial use of this document is strictly prohibited, except with prior agreement of the respective authors.

In case of doubt, thank you to contact me by electronic message: [lugduweb \[ AT \] efika.org](mailto:lugduweb@efika.org)

## 5 Greetings

### 5.1 Authors

I thank again all the authors having taken part directly or indirectly in this project, in particular:

- David Brunet "daff" (<http://obligement.free.fr>)
- Jürgen Lucas
- Guillaume Roguez "yomgui" (<http://yellowblue.nerim.net/>)
- Pierre Wirtz "Waaagh\_"
- Guy Maysonnave "guymay"
- Fabien Coeurjoly "fab1"
- Vincent Loubry
- Nicolas Gressard "niffo" (<http://niffo.free.fr>)
- Alexis Mouth "ACE"
- Nicolas Det (bplan)
- Fabrice Lehaut "thefab"
- Thibaut Jeanson "soundsquare" (<http://www.soundsquare.com>)
- Nicolas Sallin "henes" (<http://henes.free.fr> )
- Péter Czanik "CZP" (Genesi)
- Gunne Steen « Gunne »
- Pieter Van den Abeele (Genesi)
- Sergei Larin (Freescale)
- And others I might forget...

### 5.2 Translators

I also thank the following people for the translation of this document in other languages:

- Eric Walter, Thibaut Jeanson, Denis Hilliard, Fulvio Peruggi (English)
- Ulrich Beckers and Marcel Unbehaun (German)
- Juan Carlos Marcos Rodriguez et Héctor Juan Lopez (Spanish)
- Nuno Vasco Saltão Da Costa et Pedro Claudin (Portuguese)
- Raffaele Irlanda, Omar Laurino and Fulvio Peruggi (Italian)
- Stefan Brodin (Swedish)
- Emila Oppeln-Bronikowski (Polish)
- Vlad Vinogradov et Yura Savchenko (Russian)
- Toni Nikolic « TerAtoM » and Vedran Vucic (Serbian)
- David Kimpe (Dutch)
- Marek Klobáska (Czech)
- Péter Czanik (Hungarian)

### 5.3 Donators

Thanks to the companies and the following people for their financial participation in the project with donations:

- GENESI (<http://www.genesippc.com>)
- RELEC/Pegasos-Suisse (<http://www.pegasos-suisse.com>)
- Jean-Baptiste Bolcato « JBB » (<http://home.freeuk.net/bolcatoid/JBBproggies>)
- Michaël Pernot "BatteMan" (<http://www.annuaire-amiga.org>)

- Denis Gauthier "Nide"
- Matthias Muench "DJBase" (<http://pegasosforum.de/>)
- Arnaud Danassie "bigdan" (<http://www.amigaimpact.org/>)
- Giuliano Cateni
- Jochen Rhein
- Cor van Londen
- Martin Heine « Senex »
- Salvatore Salis

Special thank to Arnaud Danassie "bigdan" for having hosted wikipeg.org.