

**AmiNES-Famicom**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> AmiNES-Famicom		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# AmiNES-Famicom

### 1.1 AmiNES-Famicom Emulator.

```
<=-----=>
  AmiNES-Famicom Emulator v0.12β
    (Preview Version)
<=-----=>
```

Introduction  
Requirements

Instructions  
Joy-Control

Emulation  
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Future versions

Links to Webs  
Copyrights  
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Thanks

### 1.2 AmiNES-Famicom Emulator.

Introduction:  
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This is a NES or Famicom emulator for Amiga computers.

I started it ONLY for make a 6510 emulation for my future AmiPC-Engine Emulator. If you are actually interested in a good NES emulator then register to coolNESS or A/NES.

I WILL NOT FINISH AmiNES. Sorry.

This is a fast compilation of my actual source.

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It has got a lots of Bugs, I never was a 6502 programmer...

But the emulator works well with some software.

Enjoy this preview version.

Juan Antonio Gómez

### 1.3 AmiNES-Famicom Emulator.

Requirements:

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- AGA Amiga computer.
- MC68020+ (and 100% compatible with MC68030/MC68040/MC68060)
- PAL, or compatible monitor.
- asl.library

Requirements for real emulation:

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- MC68020 at 28Mz or MC68030 at 25Mz.
- 1Mb of real fast32bit memory.

### 1.4 AmiNES-Famicom Emulator.

Instructions:

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These options don't work in this version.

\* Load/Save Frozen:

Creates snatshops of your game.

\* Cheat mode:

Find and set cheat adresses of your games.

\* Save VRAM:

Saves NES VRAM as an IFF-ILBM.

\* Save Prefs:

It will save actual preferences in S:AmiNES.prefs

\* Black Border:

Borders of NES will be black.

\* No illogical moves:

Left and Right at once, or Up and Down at once in Joy-reads are not accepted.

\* Ask for Reset:

Ask always before Power On a Cart.

\* Auto Load RAM-Battery:

It will Read RAM-Battery (Cart.sav) when you insert a cart.

\* Auto Save RAM-Battery:

It will Save RAM-Battery (Cart.sav) when you Re-insert another cart or Quit emulator.

\* Ask for Save RAM-Battery.

It will ask you for save RAM-Battery.

\* Overwrite:

It will Ask you before delete a file.

\* Use xpk for save.

For Save all files compresed with xpk.

## 1.5 AmiNES-Famicom Emulator.

Joy-Control:

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In future versions it will be totally configurable:

Keyboard Only: (These keys work in all Joy-Control modes)

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ESC = Exit to menu.  
Del = Select  
Help = Start  
Enter = Start  
Left Shift = Button A  
Left Amiga = Button A  
Left Alt = Button B  
Space = Button B  
Cursors = Up/Down/Left/Right  
Left Mouse = Select  
Right Mouse = Start

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Amiga JoyStick or compatible Joypad:

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Fire = Button A  
Second Fire = Button B (If exists) [pin 9]  
Third Fire = Start (If exists) [pin 5]

Use keyboard keys for other buttons

CD32 Joypad:

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Play Button = Exit to menu  
Green Button = Select  
Yellow Button = Start  
Red Button = Button B  
Blue Button = Button A  
Rewind Button = Button B  
Fastward Button = Button A

## 1.6 AmiNES-Famicom Emulator.

These are some Webs about Emulators for the Amiga:

Emulator Central	<a href="http://www.geocities.com/Area51/Corridor/6825/index.html">www.geocities.com/Area51/Corridor/6825/index.html</a>
Tomas Amsrud	<a href="http://www.applausenett.no/~gdwarf/emu/">www.applausenett.no/~gdwarf/emu/</a>
Rodney Norton	<a href="http://www.aic.net.au/~rodneyn/index.html">www.aic.net.au/~rodneyn/index.html</a>
Carl Warrent	<a href="http://www.mechcity.demon.co.uk">www.mechcity.demon.co.uk</a>
Niklas Berg	<a href="http://www.geocities.com/Baja/3812/">www.geocities.com/Baja/3812/</a>
Lennart Johannesson	<a href="http://www.netrunner.com.br/emulators-hq/index.htm">www.netrunner.com.br/emulators-hq/index.htm</a>

## 1.7 AmiNES-Famicom Emulator.

DISCLAIMER

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The author doesn't take any responsibilities for incorrect use of this software.

NES is a registered trademark of Nintendo Corporation.

Devpac III © HiSoft.

GadToolsBox © Java Development.

Stc.library	© StoneWare SoftWorks.	(By Jouni Korhonen)
AmiMSX2 Emulator	© RED Soft	(By Juan Antonio Gómez)
AmiGameBoy Emulator	© RED Soft	(By Juan Antonio Gómez)
AmiMasterGear Emulator	© RED Soft	(By Juan Antonio Gómez)
fMSX Amiga Emulator	© Hans Guijt.	
coolNESs Emulator	© Fredrik Olsson	
A/NES Emulator	© Morgan Johansson & Fredrik Schultz.	

## 1.8 AmiNES-Famicom Emulator.

Author:  
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I am losing a lot of time answering a lot of mails. (my english is not very good) mail me only if it is necessary.

AmiEmuls Web available coming soon.

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AmiNES-Famicom is 100% programmed and designed by Juan Antº Gómez.

All graphics and icons are drawn by Multivac.

Instaler Script by Tomas Amsrud.

Special Thanks to Skid/Ozone for your help in all my emulators.

## 1.9 AmiNES-Famicom Emulator.

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Technical data:

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AmiNES-Famicom is 100% programmed and optimized in MC68020 assembly language.

Design is totally based on the AmiMSX2 Emulator.

Developed using an Amiga 1200+Bizzard 1220+2Gb Hard Disk.

Programmed using Devpac III

GUI created with GadToolsBox.

3875 lines of NES emulation code.

2182 lines of menu code.

4418 lines of GadToolsBox generated code.

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10475 lines (28731 lines with macros expanded)

100% compatible with 020,030,040 and 060.

## 1.10 AmiNES-Famicom Emulator.

NES Emulation:

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This is only a preview version. A lot of things are not yet finished.

6502 Processor:

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It's is finished but there are a lot of bugs.

NES System:

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Only supported mappers: 0 and 2.

Line interrupts don't emulated well.

Video Emulation:

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Very incomplete.

Vertical mirroring emulation not finished.

Sprites are not finished.

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Sound Emulation:

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Very incomplete, it is under developing.

## 1.11 AmiNES-Famicom Emulator.

Future:

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This is unknoww, I am working with AmiMSX2 v2.4 and AmiGameBoy v0.9.

I only continue with AmiNES sometimes.

## 1.12 AmiNES-Famicom Emulator.

Thanks:

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Multivac for your Icons and graphics.

Skid/Ozone for your helps.

Roderick Mouthaan and Philippe Bezon for being good friends.

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Pascal Willano for helping me to make my emulators compatible with 040.

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My sister for annoying me.

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