

Apollo Vampire BootLoader SOLO FireBird R7.4

WALKTHROUGH GUIDE



CORE R6+ Advised – Use ONLY for Test, Dev & Fun !!!

VAMPIRE BOOTLOADER SOLO R7.4

AMIGA OS 3.2 INSTALLER for Apollo FireBird V4



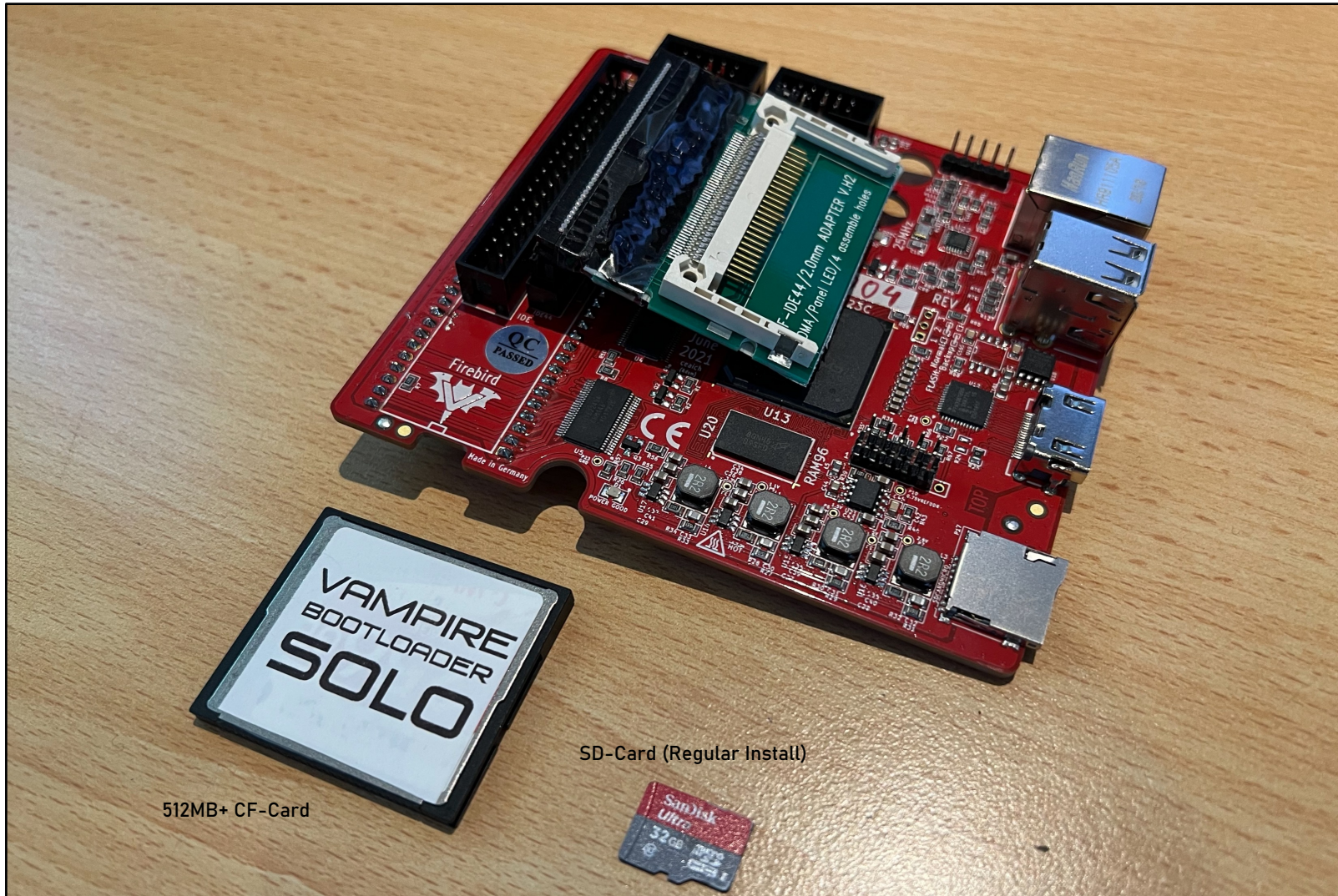


VBL-SOLO FireBird Introduction

- ✓ Easy and quick “handsoff” single OS installer for Amiga OS 3.2 on Apollo Firebird V4
- ✓ Optimised configuration for running your favourite classic Amiga OS
- ✓ **Basic drivers, networking & tools included**
 - ✓ Apollo SAGA & AHI support with 16-bit stereo Arne & Picasso96 Driver Pack
 - ✓ Peter Keunecke icon.library & Henryk Richter Fast JFIF
 - ✓ WHDLoad containers & iGame repository & DiskImageGUI (ADF, ISO, HDF, ...)
 - ✓ MiamiDX TCP/IP stack (full) or Roadshow (demo or user key)
 - ✓ AmiSSL & iBrowse (demo or user key)
 - ✓ Apollo optimised AmigaAMP Audio-player
- ✓ **Automated detection of correct Kickstart ROM on Amiga OS Start**
- ✓ **User configurable choice for VampireMap or VampireFlash Kickstart**
- ✓ **Hybrid configuration with full install and run portability between FireBird V4 and UAE**
- ✓ **One-time usage with full self-destruct to leave no footprint after install**



Vampire BootLoader SOLO Requirements



512MB+ CF-Card

SD-Card (Regular Install)

VBL-Solo will install a complete Amiga OS 3.2 on Apollo FireBird V4 from SD-Card to CF-Card.

Install time: **5-10 minutes**

1 x SD-Card required for Amiga OS source files

SD-Card must be FAT32 formatted and may contain data (regular file transfer SD)

1 x CF-Card required for Amiga OS (512Mb+)

CF-Card will be overwritten !!!

Initial size of Amiga OS drive will be only 512MB, but after installation use Tools -> VBL-FiXHDDSize to expand the drive to your full CF-Card capacity.

[See FAQ for UAE Turbo Install](#)

STEP-1

DOWNLOAD





Step 1: Prepare

1. Download VBL-Solo

- Open link from registration e-mail
- Download VBL-SOLO-CF-Card.img.zip

2. Download Image Tool

- Go to <https://www.balena.io/etcher/>
- Download version for your OS
- Install Balena Etcher

3. Connect USB Reader

- Connect USB CF/SD-Card Reader

4. Turbo-Install Coffin (optional)

- See “Turbo-Install” Chapter

5. Flash VBL-Solo

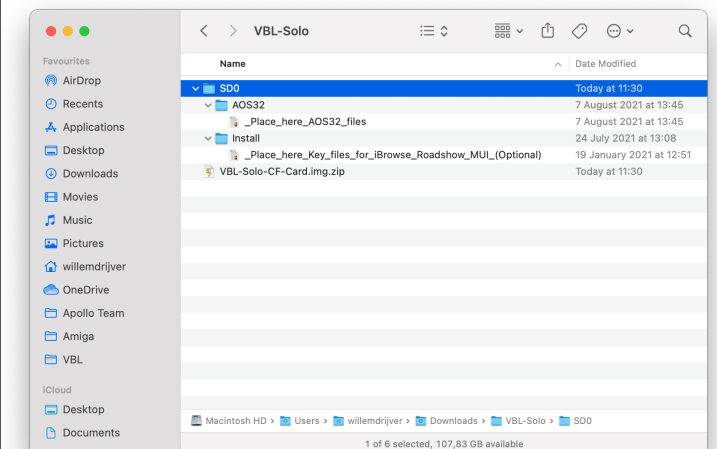
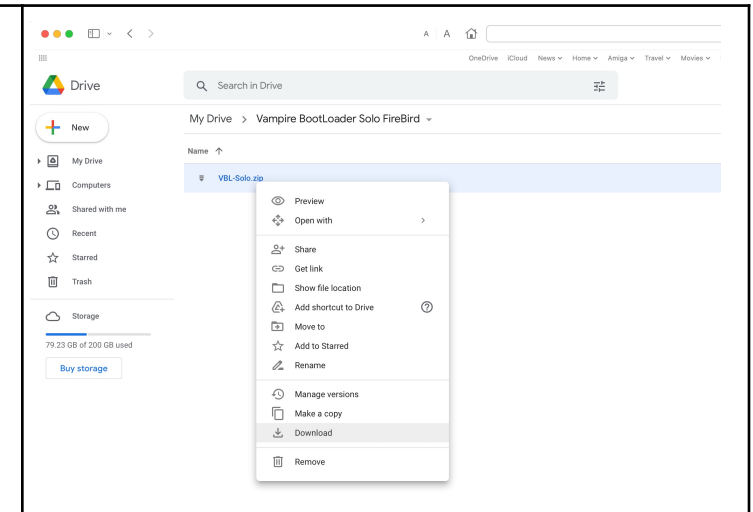
- Flash VBL-SOLO-CF-Card.img.zip to CF-Card
- Ignore warnings about missing partition table

Note: CF-Card must be 512MB or larger

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balenaEtcher

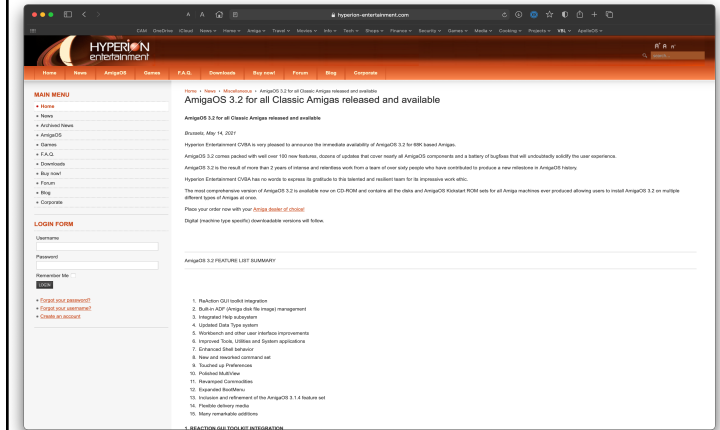




Step 1: Download

6. Open Hyperion website

- Check out the Amiga OS 3.2 release
- #1: Purchase Amiga OS 3.2 CD-Rom
 - Create ISO-image from physical CD-Rom
 - Name this file **AmigaOS32.ISO**
 - Copy this file in SD0:AOS32
- #2: Purchase Amiga OS 3.2 Download
 - Download the Amiga OS archive
 - Unzip downloaded archive
 - Copy Amiga OS 3.2 files in SD0:AOS32



STEP-2

PREPARE





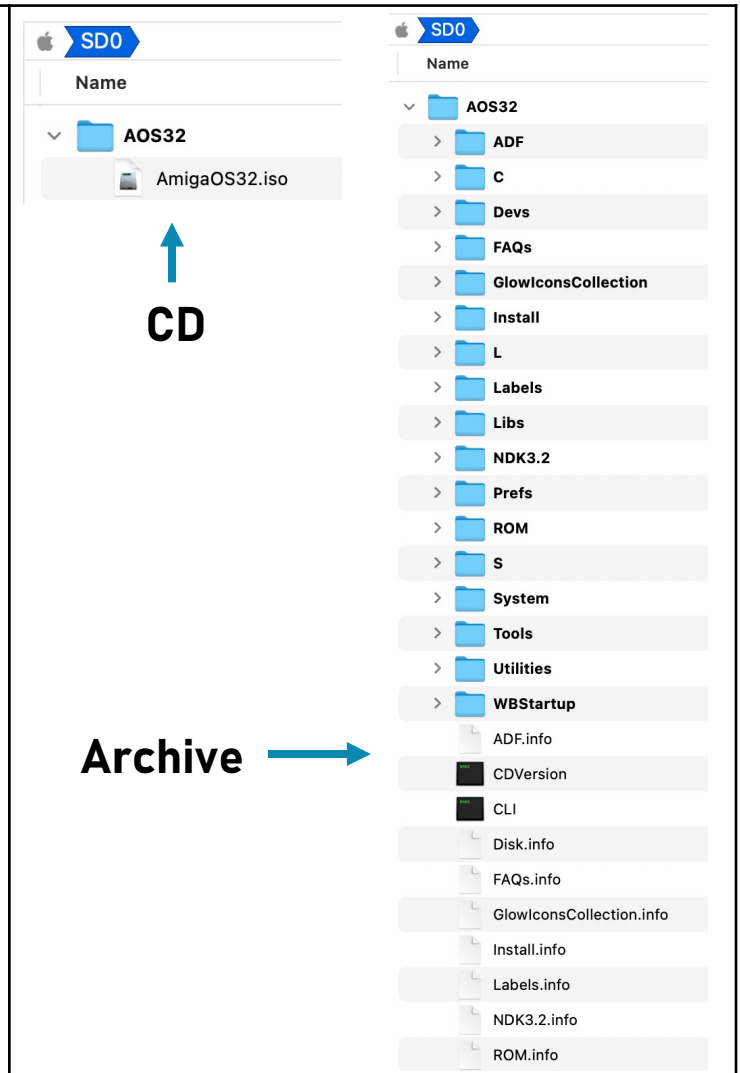
Step 2: Prepare

1. Copy VBL-Solo Install files to SD-Card

- Format SD-Card-1 with **FAT32** filesystem and volume name **SD0**
- Copy “VBL-SD-Card-1-Install” content to SD-Card-1 **root** (SD0:)
- Copy Amiga OS 3.2 in **correct** SD0: folder
 - *CD-version: SD0:AOS32/AmigaOS32.iso*
 - *Archive-version: SD0:AOS32/ADF*
- Copy commercial iBrowse, MUI keys in SD0:Install (optional)
- Copy commercial Roadshow.lha in SD0:Install (optional)

Note: Use your current SD-Card if you already use one for file transfers

Tip: see FAQ area for support on SD-Card compatibility



STEP-3

INSTALL





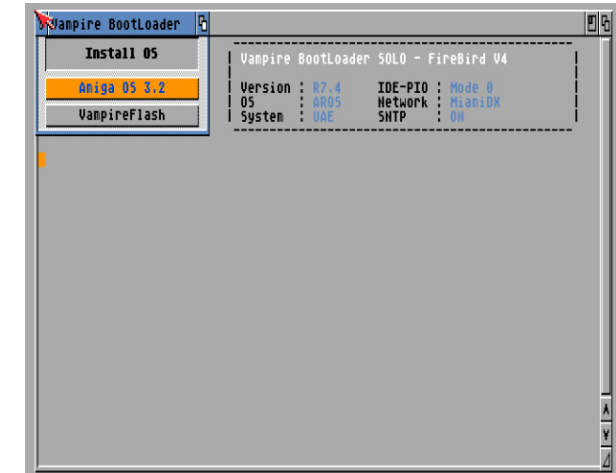
Step 3: Install

1. Boot Vampire BootLoader for the First time

- Insert CF-Card in Vampire IDE-to-CF adapter
- Insert SD-Card in Vampire SD-Adapter
- Check: Connect Vampire to **1280x720@50Hz** compatible display
- Power up Vampire and wait for Vampire BootLoader Main Menu

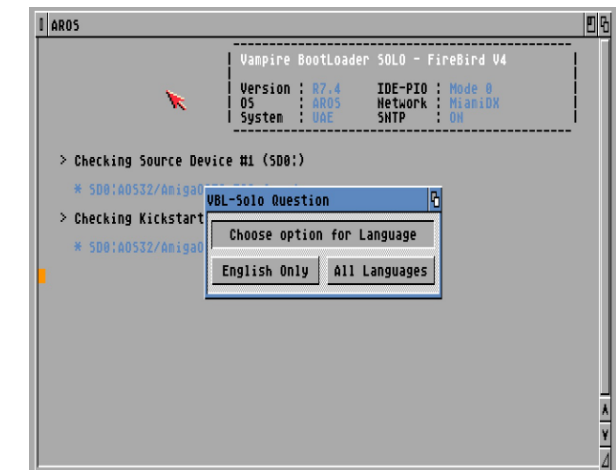
To Update Core: Choose “VampireFlash” and select SA_Release7-2B.jic

After flash process Power-off, wait 10 sec and Power-on again



2. Choose which OS to Install

- Click on the Amiga OS you want to install on the CF-Card
- Wait for the installer to finish the installation
- Reset Vampire by pressing CTRL-Amiga-Amiga keys
- Enjoy Amiga OS on your Vampire!

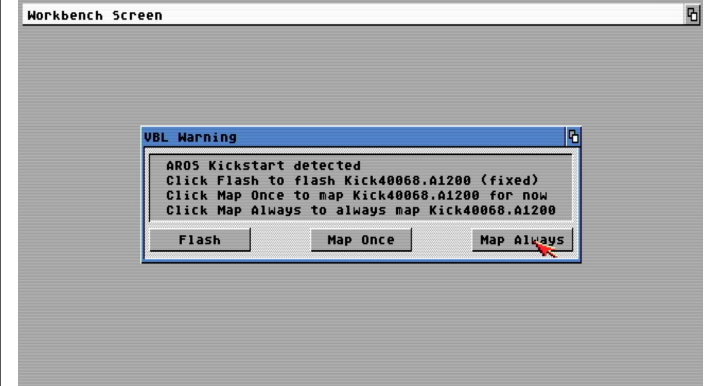


Step 3: Install

3. Boot Amiga OS for the First time

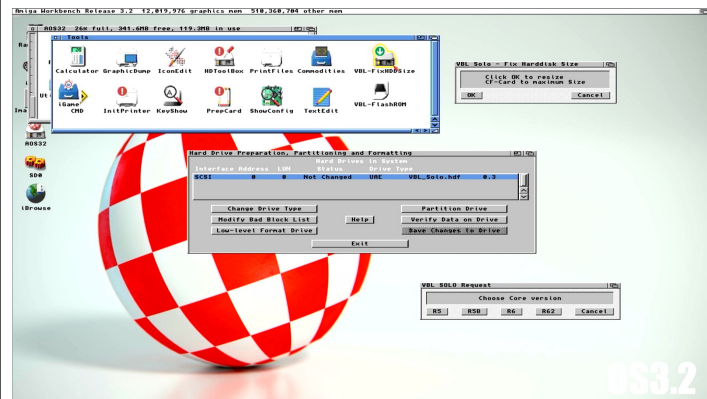
- On first boot VBL will request you how to handle kickstart
 - Flash** : flash the Amiga OS kickstart ROM in Vampire
 - Map Once**: load Amiga OS kickstart ROM once
 - Map Always**: always load Amiga OS kickstart ROM
- Open Prefs->Locale to set your regional preferences

Note: On first boot of Amiga OS 3.2, click "cancel" on ENV error message



4. Use VBL Solo Tools in Amiga OS

- VBL-FlashROM**: Re-Flash Vampire Core
- VBL-FiXHDDSize**: Resize CF-Card size from 512Mb to max.size
- HDToolBox**: Create your own partitions with "Partition Drive"
 - Look at the existing DH0: partition for the correct settings
 - After partitioning, reboot Vampire and Format new Drives



TURBO INSTALL

(OPTIONAL)



Step 3: Turbo Install



1. Install Amiga Emulator

2. Start Win-UAE (PC) or FS-UAE (Mac)

3. Create "VBL Turbo Install" as new configuration

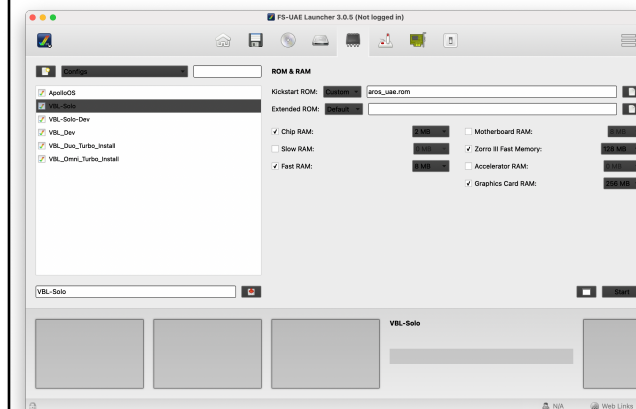
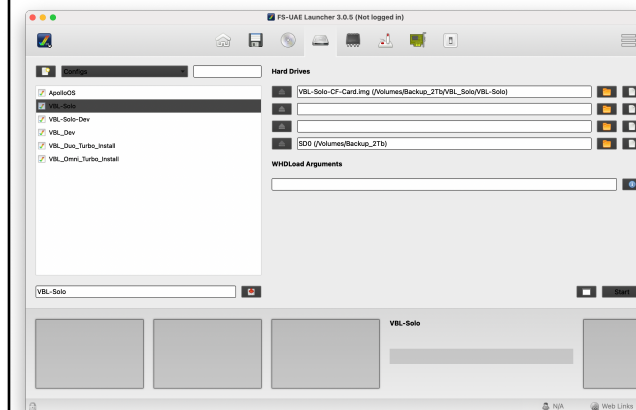
- Create manual configuration with these settings;
 - **FS-UAE:** Amiga 4000 - 68040 - 2Mb Chip RAM - 8Mb Fast RAM - 128Mb Zorro III Fast Memory
 - **FS-UAE:** Select "aros_uae.rom" (available on SD-Card-1-Install in Kickstarts folder)
 - **WIN-UAE:** Amiga 4000 - 68040 - 2Mb Chip - 8Mb Z2 Fast - 128Mb 32-bit Chip
 - **WIN-UAE:** Select "aros_uae.rom" and Board type "New UAE (128k ROM, Direct)"

4. Set Hard Drives

- Mount_hard drives;
 - Browse File (FS-UAE) / Hardfile (Win-UAE) to "VBL-SOLO.img"
 - Browse Folder (FS-UAE) / Harddrive or Directory Location (Win-UAE) to "SD0:"

5. Set ROM

- Set Kickstart ROM / Main ROM File to "SD0:Kickstarts/aros_uae.rom"

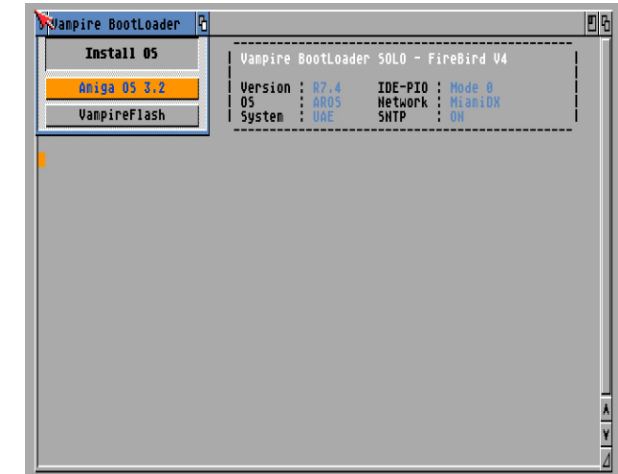




Step 3: Turbo Install

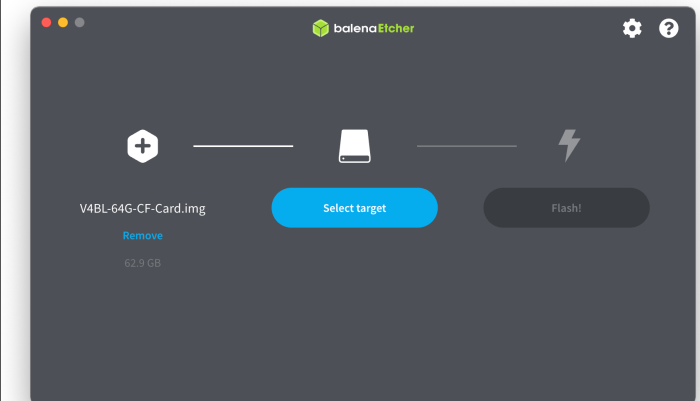
6. Start UAE emulator and boot VBL-Solo

- Start Win-UAE or FS-UAE emulator
- Click on Amiga OS 3.2 to start Turbo-Install
- Wait for installation to finish



7. Restore Vampire BootLoader image to Physical CF-Card

- Download balenaEtcher (Windows, MacOS, Linux)
- Open balenaEtcher utility on Mac or PC
- Insert 512Mb or larger CF-Card in USB Cardreader
- Restore "VBL-SOLO.img"



WARNING: YOUR CF-CARD WILL BE 100% OVERWRITTEN

FAQ



ApolloOS



Frequently Asked Questions

1. SD-Card with FAT32 format not recognised / not writable in ApolloOS

ApolloOS R6 is compatible with most “out-of-the-box” FAT32 formatted SD-Cards.

There are however SD-Cards with a non compatible FAT32 partition scheme.

For these SD-Cards the following **DESTRUCTIVE** procedures are available;

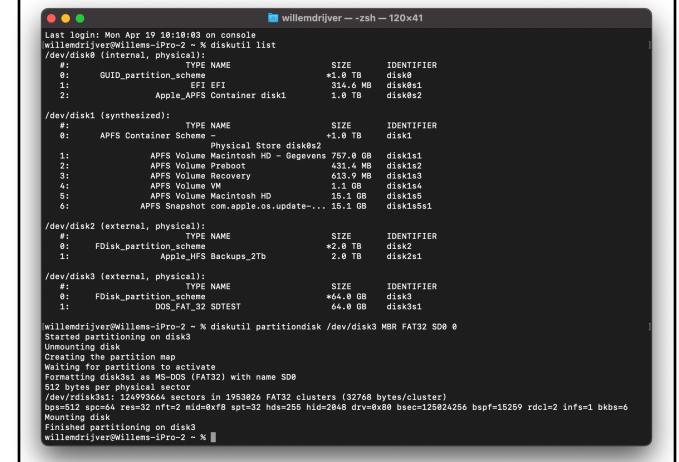
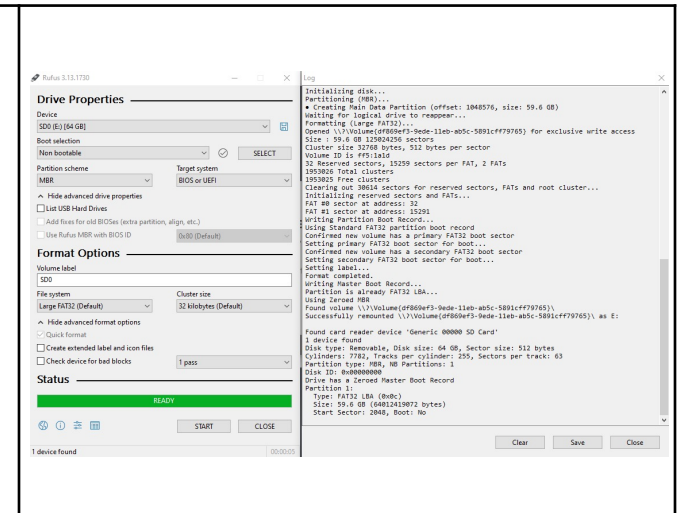
Windows

- Download Rufus 3.x disk tool and install it on your Windows 7 or 10 OS
- Select your SD-Card from the list and choose “non bootable” for boot selection
- Enter “SD0” as Volume Label and make sure FAT32 is selected
- Check “Quick format”, uncheck “Create extended label and icon files” and click “Start” to format SD-card
- Eject the SD-Card and insert it in Vampire to test and use for read and write

MacOS

- Insert SD-Card in USB-Reader, open Terminal application and type “diskutil list”
- Note the device number **x** of your SD-Card, it should be listed as /dev/diskx
- Type “diskutil partitiondisk /dev/diskx MBR FAT32 SD0 0” (**warning: doublecheck** for correct /dev/diskx)
- Eject the SD-Card and insert it in Vampire to test and use for read and write

Contact @WillemDrijver on #vampire-bootloader Discord channel for support (sent relevant info + screenshot)



THANK YOU FOR USING VBL SOLO !!!

WILLEM DRIJVER

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Apollo OS