## 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 Introducution**

- 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



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 <a href="https://www.balena.io/etcher/">https://www.balena.io/etcher/</a>
- 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

willemdrijver@mac.com





balena Etcher





## 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:A0S32
- #2: Purchase Amiga OS 3.2 Download
  - Download the Amiga OS archive
  - Unzip downloaded archive
  - Copy Amiga OS 3.2 files in SD0:AOS32

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## **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 SDO: folder
  - CD-version: SD0:A0S32/Amiga0S32.iso
  - Archive-version: SD0:A0S32/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!

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## Step 3: Install

#### 3. Boot Amiga OS for the First time

- On first boot VBL will request you how to handle kickstart
  - 1. Flash : flash the Amiga OS kickstart ROM in Vampire
  - 2. Map Once: load Amiga OS kickstart ROM once
  - 3. 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)

# SOLO



## 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 ampire BootLoader Install 05 Start Win-UAE or FS-UAE emulator Aniga OS 3.2 Version IDE-PIO : Network : SNTP : 05 System VampireFlash Click on Amiga OS 3.2 to start Turbo-Install Wait for installation to finish 7. Restore Vampire BootLoader image to Physical CF-Card 😭 balena Etche 0 0 Download balenaEtcher (Windows, MacOS, Linux) Open balenaEtcher utility on Mac or PC Insert 512Mb or larger CF-Card in USB Cardreader /4BL-64G-CF-Card.im Restore "VBL-SOLO.img"

#### WARNING: YOUR CF-CARD WILL BE 100% OVERWRITTEN



# FAQ







## **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/disk**x**
- Type "diskutil partitiondisk /dev/diskx MBR FAT32 SD0 0" (warning: <u>doublecheck</u> 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)

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## THANK YOU FOR USING VBL SOLO !!!

## WILLEM DRIJVER

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