1) Disclaimer

The installation of this product requires the opening of your computer. It is recommended to hire a professional if you are unfamiliar with interventions on computer hardware. The Apollo team can under no circumstances be held responsible for any damage caused during assembly. If you decide to do the installation yourself, be sure to check that your computer is disconnected from the power outlet before opening it. Be sure you use an anti-static workplace. Discharge yourself of your static electricity before you start. Do not bend or force the components.

Warning: If you want to dispose of this equipment, please do not use the ordinary dust bin! Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

2) Description

The range of Vampire 68080 accelerator cards for Amiga Classic use the Apollo core which is compatible with the Motorola 68k processors while outclassing them in performance. It also offers one of the most powerful graphic cards for Amiga Classic thanks to its digital video output.
3) Hardware installation

Amiga 600 version:
Turn off your Amiga 600 and disassemble it. Remove both upper and lower shielding plates and store the upper one in a safe place. Clean the CPU pins with the provided cleaning pad. Feed the screws of the mount from the underside of the motherboard through the appropriate holes; see the picture below for locations. Put the Vampire on the 68000 (designed by an arrow on the picture) and apply a strong pressure from the bottom of the motherboard to insert the Vampire on the CPU. Attach the top bolts to the mounts once the Vampire is in place and replace the lower shield.

Amiga 500 version:
Turn off your Amiga and disassemble it. Remove the upper shielding plate and store it to a safe place. Remove carefully the 68000 CPU and ROM with a suitable tool. Don’t apply too much force. Store the chips in a safe place. Put the Vampire 68080 accelerator board aligned with the now empty 68000 slot. Double check that all pins are aligned correctly. Apply a uniform pressure with both hands where the arrows points. Plug a 2.5” 44-pin cable or a Compact Flash adapter respecting the position of the pin 1. Do not let any part lying on the top of the Vampire to allow cooling.

Note for Amiga 2000: if you use your Vampire in Amiga 2000, do not forget to remove your old 68000 CPU wether you use the CPU socket or CPU slot with a 3rd party adapter. Not following this notice could destroy your Vampire. Also note that Vampire in Amiga 2000 is not officially supported even if it has been reported to work.

4) Flashing the board

The Vampire boards can be updated to benefit the latest Core improvements, such as new features, speed improvements or compatibility improvements.

How to install the FlashRom :
- Download a flashrom on wiki.apollo-accelerators.com.
- Uncompress the archive in a known directory
- Run the flashrom binary
- Confirm the operation by typing ‘YES’ (in CAPS) and RETURN.
- Wait until flashing is finished.
- Power Off your Amiga and wait 30 seconds.
- Power On your Amiga.

5) Software installation & support

The software installation being in constant evolution, please visit wiki.apollo-accelerators.com to learn how to install the graphics driver and the microSD driver. You will also find the latest core version, a FAQ, an updated compatibility list and much more. If you experience troubles, don’t hesitate to contact your reseller, or contact us on IRC (irc.freenode.net, #apollo-team). The official forum is a good place to meet the community (http://forum.apollo-accelerators.com). Don’t forget to visit www.apollo-accelerators.com to be informed on the latest news.

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Revision 1.1