

# Vampire 600 V2 - 128 MB



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Accelerator board with record-breaking speed and unrivalled features.

## Signature

- **Target:** Amiga 600 (connects to the CPU socket)
- **Dimensions:** 100 x 66 x 20 mm
- **Designer:** [Majsta](#)
- **Manufacturer:** [Majsta](#) and Kipper2K
- **Release Date:** Christmas 2015

## Specifications

- **FPGA:** Altera Cyclone III
- **CPU:** [Apollo 68080 Core](#) <sup>1)</sup>
  - Equivalent to 800MHz 68030 / 400MHz 68040 / 200MHz 68060 <sup>2)</sup>
- **Memory:** 128 MB FastRAM
- **Chipset:** [SAGA Core](#)
- **Video:**
  - Modes up to 800x600@60Hz, 1600x900@24Hz <sup>3)</sup>
  - Color depths of 8, 15/16, 24, 32 bits per pixel
  - Hardware-accelerated video playback
- **Internal Ports:**
  - JTAG Socket
- **External Ports:**
  - Digital Video Out
  - MicroSD Card

## Board revisions

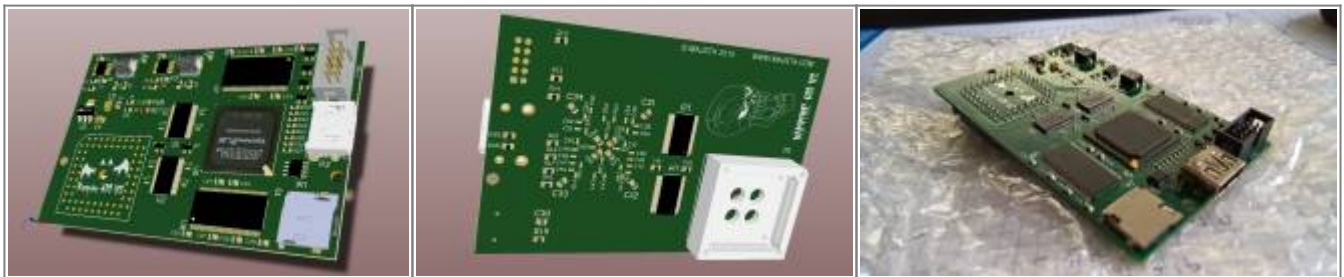
<b>Rev: 2.2</b>	Added top GND layer.
<b>Rev: 2.1</b>	Added bottom GND layer, introduced via stitching and teardrops, added fiducials and PCB panelization. Implemented Power fix. Implemented Digital Video Out fix.

Rev: 2	First version of the card with 2 SDRAM chips.
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## More details

- [Peripherals](#)
- [Classic Amiga add-ons that are compatible](#)
- [Stickers](#)
- [Troubleshooting](#)
- [Updates](#)

## Gallery



## Reviews



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- <sup>1)</sup> See “Precision” under [68080 FPU Core](#) for some caveats.
- <sup>2)</sup> Exact performance is application-dependent.
- <sup>3)</sup> Up to 1280×720@60Hz, 1920×1080@24Hz might be possible in some overclocked boards.

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