

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:** Kipper2K
- **Release Date:** Christmas 2015

Specifications

- **FPGA:** Altera Cyclone III
- **CPU:** [Apollo 68080 Core](#) ¹⁾
 - Equivalent to 800MHz 68030 / 400MHz 68040 / 200MHz 68060 ²⁾
- **Memory:** 128 MB FastRAM
- **Chipset:** [SAGA-Core](#)
 - 4 MB of fast ChipRAM ³⁾
- **Video:** 1280×720@60Hz, 1920×1080@24Hz, True color (32-bit)
 - [SAGA Graphics](#) (AGA with enhanced features and performance) ⁴⁾
- **Audio:** 16-bit 56 kHz sampling rate, 24-bit mixing, 8 channels ⁵⁾
- **Internal Ports:**
 - JTAG Socket
- **External Ports:**
 - Digital Video Out
 - Digital Audio signal ⁶⁾
 - MicroSD Card

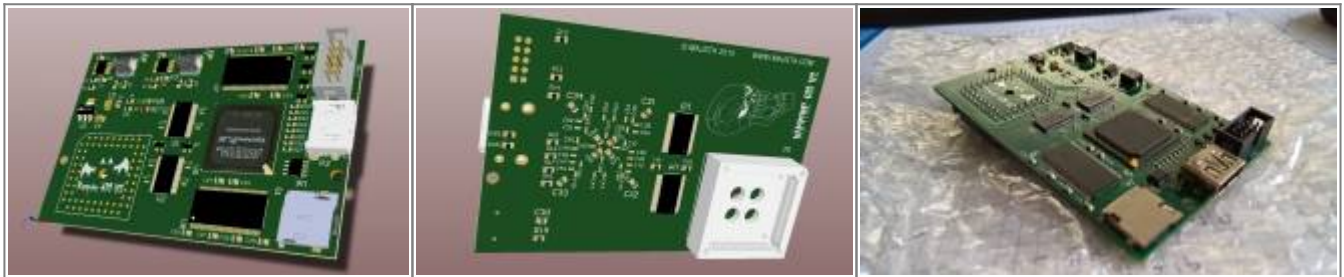
Board Revisions

Rev: 2.2	Added top GND layer.
Rev: 2.1	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.

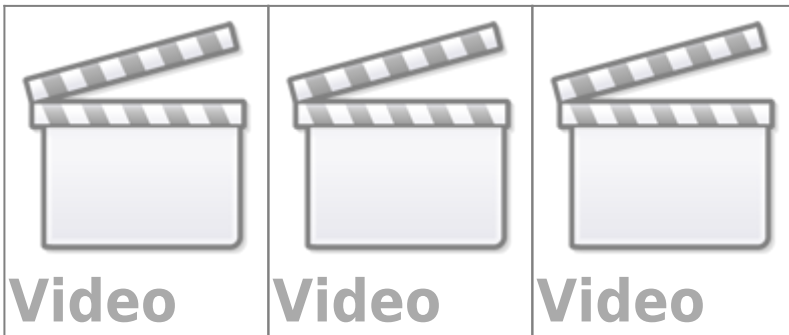
More Details

- [Peripherals](#)
- [Classic Amiga Add-Ons That Are Compatible](#)
- [Troubleshooting](#)
- [Updates](#)

Gallery



Reviews



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¹⁾ See "FPU Precision" under [68080 FPU Core](#) for some caveats.

²⁾ Exact performance is application-dependent.

^{3), 4), 5), 6)} Available with the free upgrade to Core version GOLD3.

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