

# Product: Sentinel X-Logger

Company/Developer: A-EON Technology/Lyle Hazelwood

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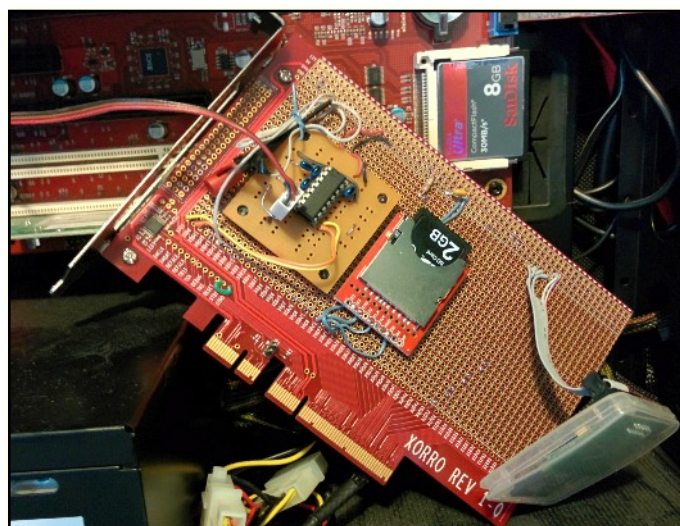
## Product/Description & Overview:

Sentinel X-Logger is a Xorro based serial data capture board and data logger for the AMIGA one X-Series of computers running AmigaOS 4.1. It plugs into the computer's Xorro slot and uses the onboard Xena coprocessor to perform fast data capture and recording of the serial debug stream without the need for a second computer. The captured serial data logs are saved to an SD card on the Sentinel X-Logger board, making it the ideal tool for AmigaOS developers and beta testers.

## Key Features:

The main features of the Sentinel X-Logger include:

- X-Logger: an XMOS program that handles the incoming serial data logs and manages the SD Card and file system.
- Sentinel: an AmigaOS 4 program that allows the user to load the X-Logger resource, open and close log files as well as retrieve files or delete files at will.
- The Xena processor captures and records serial debug stream and saves it to an SD card on the Xorro board.
- The Sentinel X-Logger Xorro card contains a serial port and SDCard socket. The Xorro serial port connects to the SERO: port on the motherboard. (Note: Class 6 or class 10 SDCards are suggested for best performance)
- All logged data may be retrieved at any time.
- A "fast" or "warm" reboots allow X-Logger to continue logging. A full reboot resets the Xorro chip and ends the also supports many audio and video codecs via avcodec.library, including MPEG



Prototype Sentinel X-Logger Xorro board

## System Requirements:

AmigaOS 4.1, AMIGA one X-series with onboard Xena coprocessor Xorro slot

## Credits:

Hardware design and software: Lyle Hazelwood

