

# Anni: SAGA DMA Core

## Overview

The SAGA Core contains the **Anni** Core, which is an advanced DMA controller that can perform fast I/O operations independent of the CPU.

Currently, it is used by the on-board Ethernet driver for the Vampire Standalone. In the future, it can be used for other I/O devices, such as IDE storage devices and SD cards, if the appropriate drivers are written.

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## Features

- Supports 64-bit reads.
- Supports full cache coherency. Data transfers automatically update all CPU caches.

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