

## RE: Serial ATA (SATA) status report

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-02/7037.html>

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**From:** Adam Radford ([aradford\\_at\\_3WARE.com](mailto:aradford_at_3WARE.com))

**Date:** 02/26/04

To: 'Mark Watts' <[m.watts@eris.qinetiq.com](mailto:m.watts@eris.qinetiq.com)>, Terje Kvernes <[terjekv@math.uio.no](mailto:terjekv@math.uio.no)>  
Date: Thu, 26 Feb 2004 11:08:15 -0800

The only 'issue' running in 64-bit mode on AMD-64 I know of was where there was data corruption when the IOMMU flushing scheme changed. I think Andi sent out an email where this was reverted. If it wasn't, all you need to do is run with `iommu=fullflush` and you shouldn't have any other trouble.

What other issues are there?

-Adam

-----Original Message-----

From: Mark Watts [<mailto:m.watts@eris.qinetiq.com>]

Sent: Thursday, February 26, 2004 7:56 AM

To: Terje Kvernes

Cc: Andre Tomt; Linux Kernel

Subject: Re: Serial ATA (SATA) status report

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

> *the 3w-xxx-module works well enough in 32bit mode on AMD64. sadly  
> enough, we have had some other issues with 64bit mode, but the  
> \_driver\_ seems to load there as well.*

Do these 'issues' prevent the cards from being used at all in 64bit mode on AMD-64?

We'd really like to use the 4-port SATA 3Ware card on a Tyan Thunder K8W (S2885) but it'd be a bit of a waste if we can only use it in 32bit mode. (I

assume 32bit mode means you compile for i686 instead of AMD-64 ?)

Mark.

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Mark Watts

Linux-Kernel: RE: Serial ATA (SATA) status report

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-----BEGIN PGP SIGNATURE-----

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