

freebsd-stable: VIA M1000 mini-itx system installation woes – WRITE_DMA error – cabling?

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Hi all,

I am attempting to install 5.3-R from cd (iso image download) and sysinstall is failing

to write the chosen (Auto Layout) filesystem to disk, the Toshiba 80G on the primary ide channel as master. The error on vty1 is (from memory) ad0: WRITE_DMA, error=84.

The drive is detected by BIOS as a UDMA100 device. There is nothing else on this IDE channel, and only a cd drive on the other IDE slot.

A search of –questions reveals this error is a UDMA mismatch, possible caused by 80–pin cabling, and fixable with `atacontrol ad0 udma33 pio bla bla bla`. However, I do not yet have a running system to run `atacontrol` from, as I am installing. I have rooted around in the bios for an option to force the drive to UDMA33 speed, to no avail. Does anyone know how I can work around this problem and install FreeBSD to this neat little system? Do I have bad cabling, a bad drive, or ???

Thanks for any follow–up questions, pointers, rants, RTFM's, etc.

Woody

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