

Questions about the CMD640 and RZ1000 bugfix support options

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To: linux-kernel@vger.kernel.org

Hi.

First of all: A happy new year in advance!

Now to my question:

In the kernel-configuration there are the two options:

CONFIG_BLK_DEV_CMD640 CMD640 chipset bugfix/support
and

CONFIG_BLK_DEV_RZ1000 RZ1000 chipset bugfix/support

At least the second of those two seems to cause some little slowdown ("This may slow disk throughput by a few percent, but at least things will operate 100% reliably.").

1) Is the bigfixing code only activated when a buggy chipset is detected or do I even have a slowdown with proper a properchipset?

2) Can some help me to find out if my system has one of those two chipsets. This might be a dumb question but I'm not sure if CMD640/RZ1000 are only some little IDE controller chipsets or if they were some kind of Southbridge/Nortbridge.

If got a Epox 8KTA2 mainboard (having VIA VT82C686A/B chipset).

Thanks in advance!

Greetings,
Christoph Anton Mitterer.

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