

freebsd-stable: No SATA disks appear on E7520 with 5.4-RELEASE

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2005-10/0288.html>

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To: freebsd-stable@freebsd.org

Hello,

I just got some SuperMicro 6014H-T servers in the door. Nice, as ever, but, uhm, no FreeBSD.

I've got two Western Digital 80GB SATA drives in here, which I intend to gmirror.

The system comes with this funky Adaptec thing that does a "fake RAID" sort of thing where it marks the disks and then lets a custom Windows/Linux driver actually do the RAID. I have that set to Disable, though it still babbles out its messages during boot.

What I get is the system to boot the install disk, but no disks appear.

So, I hit the BIOS and check out "Native Mode Operation" which supports "Serial ATA, Parallel ATA, Auto, or Both" ... *whistles* My understanding is I want to disable Native Mode, else I'll see some driverless PCI devices.

IF I boot with "Auto" (native mode ON) I see ONE of these:
pci3: <mass storage, RAID> at device 4.0 (no driver attached)

(So, it looks like maybe it is seeing the Adaptec RAID, sort of? That's not right ... I even tried creating / breaking up the RAID set, to no avail.)

IF I boot with "Parallel ATA" (native mode OFF ... remap SATA devices to PATA devices?) I see a bunch of these:
ata2-master: stat=0x14 err=0x14 lsb=0x14 msb=0x14

The curious and capable are welcome to view my verbose boot output:

<http://ratchet.nebcorp.com/~djh/native-Auto.txt>

<http://ratchet.nebcorp.com/~djh/native-Both.txt>

<http://ratchet.nebcorp.com/~djh/native-PATA.txt>

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The latter two are identical except for CPU speed detect.

Any advice? The plan is to have these hosting a new production system next week. (I guess I should never agree to purchase a bunch of servers without testing them first, eh? The 6013P-Ts have been good to us ...)

Thanks in advance for assistance. If someone wants to test code, I can probably oblige ... though it is rather difficult, given that I can't get on the disks.

I'll give 5.3 a go, meanwhile ...

-danny

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<http://dannyman.toldme.com/>

freebsd-stable@freebsd.org mailing list

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