

# new harddrive with media error

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  - *Date:* Sat, 30 Dec 2006 23:44:01 +0100
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Hi all,

i installed a new drive (WDC WD5000KS-00M) in my computer and installed WinXP on it. Afterwards i installed Debian etch on the second one (HDS722512VLSA80). Everything works fine so far, but during every boot i get following messages in dmesg [1]  
Kernel [2] is 2.6.18 as default kernel in etch.  
the board is a asusboard with via chipset [3]  
The problem is that the boottime is very long, for every "media error" ~ 3 sec. :-(  
After successfull boot, the desktop and everything else works fine.

What cause these errors and how can i get rid of them? And can someone "translate" them? I dont know what they mean.

Is this a known kernel bug?

If you need more info, ask :-)

greetz

Alex

[3]

lspci -v

00:00.0 Host bridge: VIA Technologies, Inc. VT8385 [K8T800 AGP] Host Bridge (rev 01)

Subsystem: ASUSTeK Computer Inc. K8V Deluxe/K8V-X motherboard

Flags: bus master, 66MHz, medium devsel, latency 64

Memory at e0000000 (32-bit, prefetchable) [size=256M]

Capabilities: <access denied>

00:01.0 PCI bridge: VIA Technologies, Inc. VT8237 PCI bridge [K8T800/K8T890 South] (prog-if 00 [Normal decode])

Flags: bus master, 66MHz, medium devsel, latency 0

Bus: primary=00, secondary=01, subordinate=01, sec-latency=0

Memory behind bridge: f9700000-fd8fffff

Prefetchable memory behind bridge: b9600000-d95fffff

Capabilities: <access denied>

00:0a.0 Ethernet controller: Marvell Technology Group Ltd. 88E8001 Gigabit Ethernet Controller (rev 13)

Subsystem: ASUSTeK Computer Inc. Marvell 88E8001 Gigabit Ethernet Controller (Asus)

Flags: bus master, 66MHz, medium devsel, latency 64, IRQ 169

Memory at fda00000 (32-bit, non-prefetchable) [size=16K]

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I/O ports at c800 [size=256]  
Expansion ROM at fd900000 [disabled] [size=128K]  
Capabilities: <access denied>

00:0f.0 RAID bus controller: VIA Technologies, Inc. VIA VT6420 SATA RAID Controller (rev 80)  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V Deluxe/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 177  
I/O ports at e800 [size=8]  
I/O ports at e400 [size=4]  
I/O ports at e000 [size=8]  
I/O ports at d800 [size=4]  
I/O ports at d400 [size=16]  
I/O ports at d000 [size=256]  
Capabilities: <access denied>

00:0f.1 IDE interface: VIA Technologies, Inc. VT82C586A/B/VT82C686/A/B/VT823x/A/C PIPC Bus  
Master IDE (rev 06) (prog-if 8a [Master SecP PriP])  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 32, IRQ 177  
I/O ports at fc00 [size=16]  
Capabilities: <access denied>

00:10.0 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev 81) (prog-if 00 [UHCI])  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 185  
I/O ports at dc00 [size=32]  
Capabilities: <access denied>

00:10.1 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev 81) (prog-if 00 [UHCI])  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 185  
I/O ports at ec00 [size=32]  
Capabilities: <access denied>

00:10.2 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev 81) (prog-if 00 [UHCI])  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 185  
I/O ports at c000 [size=32]  
Capabilities: <access denied>

00:10.3 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev 81) (prog-if 00 [UHCI])  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 185  
I/O ports at c400 [size=32]  
Capabilities: <access denied>

00:10.4 USB Controller: VIA Technologies, Inc. USB 2.0 (rev 86) (prog-if 20 [EHCI])

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Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, medium devsel, latency 64, IRQ 185  
Memory at fdc00000 (32-bit, non-prefetchable) [size=256]  
Capabilities: <access denied>

00:11.0 ISA bridge: VIA Technologies, Inc. VT8237 ISA bridge [KT600/K8T800/K8T890 South]  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V-X/A8V Deluxe motherboard  
Flags: bus master, stepping, medium devsel, latency 0  
Capabilities: <access denied>

00:11.5 Multimedia audio controller: VIA Technologies, Inc. VT8233/A/8235/8237 AC97 Audio Controller (rev 60)  
Subsystem: ASUSTeK Computer Inc. A7V600/K8V Deluxe motherboard (ADI AD1980 codec [SoundMAX])  
Flags: medium devsel, IRQ 193  
I/O ports at cc00 [size=256]  
Capabilities: <access denied>

00:11.6 Communication controller: VIA Technologies, Inc. AC'97 Modem Controller (rev 80)  
Flags: medium devsel, IRQ 193  
I/O ports at 1000 [disabled] [size=256]  
Capabilities: <access denied>

00:18.0 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] HyperTransport Technology Configuration  
Flags: fast devsel  
Capabilities: <access denied>

00:18.1 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Address Map  
Flags: fast devsel

00:18.2 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] DRAM Controller  
Flags: fast devsel

00:18.3 Host bridge: Advanced Micro Devices [AMD] K8 [Athlon64/Opteron] Miscellaneous Control  
Flags: fast devsel

01:00.0 VGA compatible controller: nVidia Corporation G70 [GeForce 7800 GS] (rev a2) (prog-if 00 [VGA])  
Subsystem: CardExpert Technology Unknown device 0801  
Flags: bus master, 66MHz, medium devsel, latency 248, IRQ 201  
Memory at fc000000 (32-bit, non-prefetchable) [size=16M]  
Memory at c0000000 (32-bit, prefetchable) [size=256M]  
Memory at fb000000 (32-bit, non-prefetchable) [size=16M]  
[virtual] Expansion ROM at fd800000 [disabled] [size=128K]  
Capabilities: <access denied>

[2]

uname -a

Linux petticoatpussy 2.6.18-3-amd64 #1 SMP Mon Dec 4 17:04:37 CET 2006 x86\_64 GNU/Linux

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[1]

```
Bootdata ok (command line is root=/dev/sdb1 ro bootkbd=de )
Linux version 2.6.18-3-amd64 (Debian 2.6.18-7) (waldi@xxxxxxxxxx) (gcc version 4.1.2 20061115
(prerelease) (Debian 4.1.1-20)) #1 SMP Mon Dec 4 17:04:37 CET 2006
BIOS-provided physical RAM map:
BIOS-e820: 0000000000000000 - 000000000009fc00 (usable)
BIOS-e820: 000000000009fc00 - 00000000000a0000 (reserved)
BIOS-e820: 00000000000e4000 - 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 - 000000003ff30000 (usable)
BIOS-e820: 000000003ff30000 - 000000003ff40000 (ACPI data)
BIOS-e820: 000000003ff40000 - 000000003fff0000 (ACPI NVS)
BIOS-e820: 000000003fff0000 - 0000000040000000 (reserved)
BIOS-e820: 00000000fff80000 - 0000000100000000 (reserved)
DMI 2.3 present.
ACPI: RSDP (v002 ACPIAM ) @ 0x000000000000fa850
ACPI: XSDT (v001 A M I OEMXSDT 0x06000517 MSFT 0x00000097) @ 0x000000003ff30100
ACPI: FADT (v003 A M I OEMFACP 0x06000517 MSFT 0x00000097) @ 0x000000003ff30290
ACPI: MADT (v001 A M I OEMAPIC 0x06000517 MSFT 0x00000097) @ 0x000000003ff30390
ACPI: OEMB (v001 A M I OEMBIOS 0x06000517 MSFT 0x00000097) @ 0x000000003ff40040
ACPI: DSDT (v001 A0058 A0058002 0x00000002 MSFT 0x0100000d) @ 0x0000000000000000
Scanning NUMA topology in Northbridge 24
Number of nodes 1
Node 0 MemBase 0000000000000000 Limit 000000003ff30000
NUMA: Using 63 for the hash shift.
Using node hash shift of 63
Bootmem setup node 0 0000000000000000-000000003ff30000
On node 0 totalpages: 257374
DMA zone: 3059 pages, LIFO batch:0
DMA32 zone: 254315 pages, LIFO batch:31
ACPI: PM-Timer IO Port: 0x808
ACPI: Local APIC address 0xfe00000
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
Processor #0 15:4 APIC version 16
ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 1, version 3, address 0xfec00000, GSI 0-23
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Setting APIC routing to physical flat
Using ACPI (MADT) for SMP configuration information
Allocating PCI resources starting at 50000000 (gap: 40000000:bff80000)
SMP: Allowing 1 CPUs, 0 hotplug CPUs
Built 1 zonelists. Total pages: 257374
Kernel command line: root=/dev/sdb1 ro bootkbd=de
Initializing CPU#0
PID hash table entries: 4096 (order: 12, 32768 bytes)
time.c: Using 3.579545 MHz WALL PM GTOD PIT/TSC timer.
time.c: Detected 2002.653 MHz processor.
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Console: colour VGA+ 80x25  
Dentry cache hash table entries: 131072 (order: 8, 1048576 bytes)  
Inode-cache hash table entries: 65536 (order: 7, 524288 bytes)  
Checking aperture...  
CPU 0: aperture @ e0000000 size 256 MB  
Memory: 1022944k/1047744k available (1929k kernel code, 24412k reserved, 864k data, 176k init)  
Calibrating delay using timer specific routine.. 4009.99 BogoMIPS (lpj=8019989)  
Security Framework v1.0.0 initialized  
SELinux: Disabled at boot.  
Capability LSM initialized  
Mount-cache hash table entries: 256  
CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64 bytes/line)  
CPU: L2 Cache: 1024K (64 bytes/line)  
CPU 0/0 -> Node 0  
SMP alternatives: switching to UP code  
Freeing SMP alternatives: 28k freed  
ACPI: Core revision 20060707  
Using local APIC timer interrupts.  
result 12516600  
Detected 12.516 MHz APIC timer.  
Brought up 1 CPUs  
testing NMI watchdog ... OK.  
migration\_cost=0  
checking if image is initramfs... it is  
Freeing initrd memory: 4887k freed  
NET: Registered protocol family 16  
ACPI: bus type pci registered  
PCI: Using configuration type 1  
ACPI: Interpreter enabled  
ACPI: Using IOAPIC for interrupt routing  
ACPI: PCI Root Bridge [PCI0] (0000:00)  
PCI: Probing PCI hardware (bus 00)  
PCI: enabled onboard AC97/MC97 devices  
Boot video device is 0000:01:00.0  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.\_PRT]  
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 7 10 \*11 14 15)  
ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 \*10 11 14 15)  
ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 \*5 7 10 11 14 15)  
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 7 10 11 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 10 11 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 10 11 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 7 10 11 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 7 10 11 14 15) \*0, disabled.  
Linux Plug and Play Support v0.97 (c) Adam Belay  
pnp: PnP ACPI init  
pnp: ACPI device : hid PNP0A03  
pnp: ACPI device : hid PNP0200  
pnp: ACPI device : hid PNP0B00  
pnp: ACPI device : hid PNP0303  
pnp: ACPI device : hid PNP0F03  
pnp: ACPI device : hid PNP0800

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pnp: ACPI device : hid PNP0C04  
pnp: ACPI device : hid PNP0700  
pnp: ACPI device : hid PNP0C02  
pnp: ACPI device : hid PNP0C02  
pnp: ACPI device : hid PNP0C01  
pnp: PnP ACPI: found 11 devices  
usbcore: registered new driver usbfs  
usbcore: registered new driver hub  
PCI: Using ACPI for IRQ routing  
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report  
agpgart: Detected AGP bridge 0  
agpgart: AGP aperture is 256M @ 0xe0000000  
PCI-DMA: Disabling IOMMU.  
pnp: the driver 'system' has been registered  
pnp: match found with the PnP device '00:08' and the driver 'system'  
pnp: match found with the PnP device '00:09' and the driver 'system'  
pnp: match found with the PnP device '00:0a' and the driver 'system'  
PCI: Bridge: 0000:00:01.0  
IO window: disabled.  
MEM window: f9700000-fd8fffff  
PREFETCH window: b9600000-d95fffff  
PCI: Setting latency timer of device 0000:00:01.0 to 64  
NET: Registered protocol family 2  
IP route cache hash table entries: 32768 (order: 6, 262144 bytes)  
TCP established hash table entries: 131072 (order: 9, 2097152 bytes)  
TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)  
TCP: Hash tables configured (established 131072 bind 65536)  
TCP reno registered  
audit: initializing netlink socket (disabled)  
audit(1167490003.628:1): initialized  
VFS: Disk quotas dquot\_6.5.1  
Dquot-cache hash table entries: 512 (order 0, 4096 bytes)  
Initializing Cryptographic API  
io scheduler noop registered  
io scheduler anticipatory registered  
io scheduler deadline registered  
io scheduler cfq registered (default)  
Real Time Clock Driver v1.12ac  
Linux agpgart interface v0.101 (c) Dave Jones  
Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing enabled  
pnp: the driver 'serial' has been registered  
RAMDISK driver initialized: 16 RAM disks of 65536K size 1024 blocksize  
usbmon: debugfs is not available  
pnp: the driver 'i8042 kbd' has been registered  
pnp: match found with the PnP device '00:03' and the driver 'i8042 kbd'  
pnp: the driver 'i8042 aux' has been registered  
pnp: match found with the PnP device '00:04' and the driver 'i8042 aux'  
PNP: PS/2 Controller [PNP0303:PS2K,PNP0f03:PS2M] at 0x60,0x64 irq 1,12  
serio: i8042 AUX port at 0x60,0x64 irq 12  
serio: i8042 KBD port at 0x60,0x64 irq 1  
mice: PS/2 mouse device common for all mice

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TCP bic registered  
NET: Registered protocol family 1  
NET: Registered protocol family 17  
NET: Registered protocol family 8  
NET: Registered protocol family 20  
ACPI: (supports S0 S1 S3 S4 S5)  
Freeing unused kernel memory: 176k freed  
input: AT Translated Set 2 keyboard as /class/input/input0  
GSI 16 sharing vector 0xA9 and IRQ 16  
ACPI: PCI Interrupt 0000:00:0a.0[A] -> GSI 17 (level, low) -> IRQ 169  
skge 1.6 addr 0xfda00000 irq 169 chip Yukon-Lite rev 7  
skge eth0: addr 00:0e:a6:70:20:84  
SCSI subsystem initialized  
libata version 2.00 loaded.  
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2  
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx  
VP\_IDE: IDE controller at PCI slot 0000:00:0f.1  
GSI 17 sharing vector 0xB1 and IRQ 17  
ACPI: PCI Interrupt 0000:00:0f.1[A] -> GSI 20 (level, low) -> IRQ 177  
PCI: VIA IRQ fixup for 0000:00:0f.1, from 255 to 1  
VP\_IDE: chipset revision 6  
VP\_IDE: not 100% native mode: will probe irqs later  
VP\_IDE: VIA vt8237 (rev 00) IDE UDMA133 controller on pci0000:00:0f.1  
ide0: BM-DMA at 0xfc00-0xfc07, BIOS settings: hda:DMA, hdb:pio  
ide1: BM-DMA at 0xfc08-0xfc0f, BIOS settings: hdc:pio, hdd:pio  
Probing IDE interface ide0...  
USB Universal Host Controller Interface driver v3.0  
hda: HL-DT-ST DVD-RAM GSA-4167B, ATAPI CD/DVD-ROM drive  
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14  
Probing IDE interface ide1...  
sata\_via 0000:00:0f.0: version 2.0  
ACPI: PCI Interrupt 0000:00:0f.0[B] -> GSI 20 (level, low) -> IRQ 177  
sata\_via 0000:00:0f.0: routed to hard irq line 10  
ata1: SATA max UDMA/133 cmd 0xE800 ctl 0xE402 bmdma 0xD400 irq 177  
ata2: SATA max UDMA/133 cmd 0xE000 ctl 0xD802 bmdma 0xD408 irq 177  
scsi0 : sata\_via  
hda: ATAPI 48X DVD-ROM DVD-R-RAM CD-R/RW drive, 2048kB Cache, UDMA(33)  
Uniform CD-ROM driver Revision: 3.20  
ata1: SATA link up 1.5 Gbps (SStatus 113 SControl 300)  
ata1.00: ATA-7, max UDMA/133, 976773168 sectors: LBA48 NCQ (depth 0/32)  
ata1.00: ata1: dev 0 multi count 16  
ata1.00: configured for UDMA/133  
scsi1 : sata\_via  
ata2: SATA link up 1.5 Gbps (SStatus 113 SControl 300)  
ata2.00: ATA-6, max UDMA/100, 241254720 sectors: LBA48  
ata2.00: ata2: dev 0 multi count 16  
ata2.00: configured for UDMA/100  
Vendor: ATA Model: WDC WD5000KS-00M Rev: 07.0  
Type: Direct-Access ANSI SCSI revision: 05  
Vendor: ATA Model: HDS722512VLSA80 Rev: V330  
Type: Direct-Access ANSI SCSI revision: 05

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GSI 18 sharing vector 0xB9 and IRQ 18  
ACPI: PCI Interrupt 0000:00:10.0[A] -> GSI 21 (level, low) -> IRQ 185  
PCI: VIA IRQ fixup for 0000:00:10.0, from 11 to 9  
uhci\_hcd 0000:00:10.0: UHCI Host Controller  
uhci\_hcd 0000:00:10.0: new USB bus registered, assigned bus number 1  
uhci\_hcd 0000:00:10.0: irq 185, io base 0x0000dc00  
usb usb1: configuration #1 chosen from 1 choice  
hub 1-0:1.0: USB hub found  
hub 1-0:1.0: 2 ports detected  
SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)  
sda: Write Protect is off  
sda: Mode Sense: 00 3a 00 00  
SCSI device sda: drive cache: write back  
SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)  
sda: Write Protect is off  
sda: Mode Sense: 00 3a 00 00  
SCSI device sda: drive cache: write back  
sda: sda1  
sd 0:0:0:0: Attached scsi disk sda  
SCSI device sdb: 241254720 512-byte hdwr sectors (123522 MB)  
sdb: Write Protect is off  
sdb: Mode Sense: 00 3a 00 00  
SCSI device sdb: drive cache: write back  
SCSI device sdb: 241254720 512-byte hdwr sectors (123522 MB)  
sdb: Write Protect is off  
sdb: Mode Sense: 00 3a 00 00  
SCSI device sdb: drive cache: write back  
sdb: sdb1 sdb2 sdb3  
sd 1:0:0:0: Attached scsi disk sdb  
ACPI: PCI Interrupt 0000:00:10.1[A] -> GSI 21 (level, low) -> IRQ 185  
PCI: VIA IRQ fixup for 0000:00:10.1, from 11 to 9  
uhci\_hcd 0000:00:10.1: UHCI Host Controller  
uhci\_hcd 0000:00:10.1: new USB bus registered, assigned bus number 2  
uhci\_hcd 0000:00:10.1: irq 185, io base 0x0000ec00  
usb usb2: configuration #1 chosen from 1 choice  
hub 2-0:1.0: USB hub found  
hub 2-0:1.0: 2 ports detected  
ACPI: PCI Interrupt 0000:00:10.2[B] -> GSI 21 (level, low) -> IRQ 185  
PCI: VIA IRQ fixup for 0000:00:10.2, from 10 to 9  
uhci\_hcd 0000:00:10.2: UHCI Host Controller  
uhci\_hcd 0000:00:10.2: new USB bus registered, assigned bus number 3  
uhci\_hcd 0000:00:10.2: irq 185, io base 0x0000c000  
usb usb3: configuration #1 chosen from 1 choice  
hub 3-0:1.0: USB hub found  
hub 3-0:1.0: 2 ports detected  
ACPI: PCI Interrupt 0000:00:10.3[B] -> GSI 21 (level, low) -> IRQ 185  
PCI: VIA IRQ fixup for 0000:00:10.3, from 10 to 9  
uhci\_hcd 0000:00:10.3: UHCI Host Controller  
uhci\_hcd 0000:00:10.3: new USB bus registered, assigned bus number 4  
uhci\_hcd 0000:00:10.3: irq 185, io base 0x0000c400  
usb usb4: configuration #1 chosen from 1 choice

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hub 4-0:1.0: USB hub found  
hub 4-0:1.0: 2 ports detected  
ACPI: PCI Interrupt 0000:00:10.4[C] -> GSI 21 (level, low) -> IRQ 185  
PCI: VIA IRQ fixup for 0000:00:10.4, from 5 to 9  
ehci\_hcd 0000:00:10.4: EHCI Host Controller  
ehci\_hcd 0000:00:10.4: new USB bus registered, assigned bus number 5  
ehci\_hcd 0000:00:10.4: irq 185, io mem 0xfdc00000  
ehci\_hcd 0000:00:10.4: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
usb usb5: configuration #1 chosen from 1 choice  
hub 5-0:1.0: USB hub found  
hub 5-0:1.0: 8 ports detected  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
sd 0:0:0:0: SCSI error: return code = 0x08000002  
sda: Current: sense key: Medium Error  
Additional sense: Unrecovered read error – auto reallocate failed  
end\_request: I/O error, dev sda, sector 976751999  
Buffer I/O error on device sda1, logical block 976751936  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)  
ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
ata1.00: (BMDMA stat 0x0)  
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)

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ata1: EH complete  
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
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sd 0:0:0:0: SCSI error: return code = 0x08000002  
sda: Current: sense key: Medium Error  
Additional sense: Unrecovered read error – auto reallocate failed  
end\_request: I/O error, dev sda, sector 976751999  
Buffer I/O error on device sda1, logical block 976751936  
ata1: EH complete  
SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)  
sda: Write Protect is off  
sda: Mode Sense: 00 3a 00 00  
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new harddrive with media error

new harddrive with media error

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new harddrive with media error

new harddrive with media error

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Attempting manual resume  
kjournald starting. Commit interval 5 seconds  
EXT3-fs: mounted filesystem with ordered data mode.

new harddrive with media error

new harddrive with media error

Floppy drive(s): fd0 is 1.44M  
FDC 0 is a post-1991 82077  
input: PC Speaker as /class/input/input1  
pci\_hotplug: PCI Hot Plug PCI Core version: 0.5  
shpchp: Standard Hot Plug PCI Controller Driver version: 0.4  
PCI: Enabling device 0000:00:11.6 (0000 -> 0001)  
GSI 19 sharing vector 0xC1 and IRQ 19  
ACPI: PCI Interrupt 0000:00:11.6[C] -> GSI 22 (level, low) -> IRQ 193  
input: PS2++ Logitech MX Mouse as /class/input/input2  
ts: Compaq touchscreen protocol output  
PCI: Setting latency timer of device 0000:00:11.6 to 64  
ACPI: PCI interrupt for device 0000:00:11.6 disabled  
VIA 82xx Modem: probe of 0000:00:11.6 failed with error -13  
ACPI: PCI Interrupt 0000:00:11.5[C] -> GSI 22 (level, low) -> IRQ 193  
PCI: Setting latency timer of device 0000:00:11.5 to 64  
codec\_read: codec 0 is not valid [0xfe0000]  
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ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0  
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new harddrive with media error

new harddrive with media error

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sd 0:0:0:0: SCSI error: return code = 0x08000002

new harddrive with media error

new harddrive with media error

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new harddrive with media error

new harddrive with media error

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new harddrive with media error

new harddrive with media error

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SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
Adding 1140604k swap on /dev/sdb3. Priority:-1 extents:1 across:1140604k
EXT3 FS on sdb1, internal journal
loop: loaded (max 8 devices)
powernow-k8: Found 1 AMD Athlon(tm) 64 Processor 3200+ processors (version 2.00.00)
powernow-k8: 0 : fid 0xc (2000 MHz), vid 0x2
powernow-k8: 1 : fid 0xa (1800 MHz), vid 0x6
powernow-k8: 2 : fid 0x0 (800 MHz), vid 0xa
device-mapper: ioctl: 4.7.0-ioctl (2006-06-24) initialised: dm-devel@xxxxxxxxxxx
kjournald starting. Commit interval 5 seconds
EXT3 FS on sdb2, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
skge eth0: enabling interface
ACPI: Power Button (FF) [PWRF]
ACPI: Power Button (CM) [PWRB]
ACPI: Sleep Button (CM) [SLPB]
skge eth0: Link is up at 100 Mbps, full duplex, flow control tx and rx
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
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ata1.00: (BMDMA stat 0x0)
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)
ata1: EH complete
nvidia: module license 'NVIDIA' taints kernel.
GSI 20 sharing vector 0xC9 and IRQ 20
ACPI: PCI Interrupt 0000:01:00.0[A] -> GSI 16 (level, low) -> IRQ 201
NVRM: loading NVIDIA Linux x86_64 Kernel Module 1.0-8774 Tue Aug 1 21:42:17 PDT 2006
agpgart: Found an AGP 3.5 compliant device at 0000:00:00.0.
agpgart: Putting AGP V3 device at 0000:00:00.0 into 8x mode
agpgart: Putting AGP V3 device at 0000:01:00.0 into 8x mode
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
ata1.00: (BMDMA stat 0x0)
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```

new harddrive with media error

new harddrive with media error

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ata1: EH complete
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
ata1.00: (BMDMA stat 0x0)
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)
ata1: EH complete
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
ata1.00: (BMDMA stat 0x0)
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)
ata1: EH complete
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
ata1.00: (BMDMA stat 0x0)
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)
ata1: EH complete
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
IPv6 over IPv4 tunneling driver
ata1.00: exception Emask 0x0 SAct 0x0 SErr 0x0 action 0x0
ata1.00: (BMDMA stat 0x0)
ata1.00: tag 0 cmd 0x25 Emask 0x9 stat 0x51 err 0x40 (media error)
sd 0:0:0:0: SCSI error: return code = 0x08000002
sda: Current: sense key: Medium Error
Additional sense: Unrecovered read error – auto reallocate failed
end_request: I/O error, dev sda, sector 976751999
Buffer I/O error on device sda1, logical block 976751936
ata1: EH complete
SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)
```

new harddrive with media error

new harddrive with media error

sda: Write Protect is off  
sda: Mode Sense: 00 3a 00 00  
SCSI device sda: drive cache: write back  
eth0: no IPv6 routers present

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