

Re: [2.6.18-git] Lost all PCI devices

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-09/msg09118.html>

- *From:* Andi Kleen <ak@xxxxxxx>
 - *Date:* Sat, 30 Sep 2006 20:11:13 +0200
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On Saturday 30 September 2006 19:42, Luca Tettamanti wrote:

Hi Andi,
I'm testing current git on my notebook, but kernel doesn't find any
PCI device: no video card, no IDE, nothing.

Can you test it with this patch please?

-Andi

Fix PCI BIOS config space access

Got broken by a earlier change.

Signed-off-by: Andi Kleen <ak@xxxxxxx>

Index: linux/arch/i386/pci/direct.c

```
=====
--- linux.orig/arch/i386/pci/direct.c
+++ linux/arch/i386/pci/direct.c
@@ -256,6 +256,8 @@ static int __init pci_check_type2(void)

void __init pci_direct_init(int type)
{
+ if (type == 0)
+ return;
printk(KERN_INFO "PCI: Using configuration type %d\n", type);
if (type == 1)
raw_pci_ops = &pci_direct_conf1;
Index: linux/arch/i386/pci/init.c
=====
--- linux.orig/arch/i386/pci/init.c
+++ linux/arch/i386/pci/init.c
@@ -28,6 +28,10 @@ static __init int pci_access_init(void)
#ifdef CONFIG_PCI_DIRECT
pci_direct_init(type);
#endif
+ if (!raw_pci_ops)
```

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```
+ printk(KERN_ERR
+ "PCI: Fatal: No config space access function found\n");
+
return 0;
}
arch_initcall(pci_access_init);
-
```

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