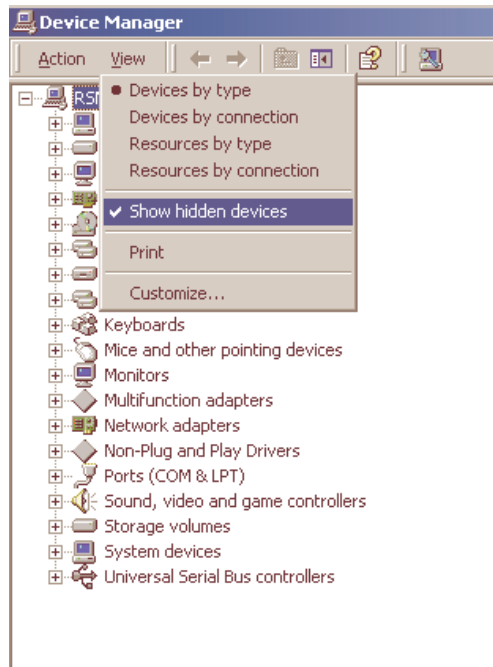


# ALI - PCLD Installation Tips and Problems with WIN 2000

## PCLD-Board:

**Problem:** Starting the Computer System with PCLD- board plugged and system does not start xxdriver and the driver is not listed in the Device Manager/Non-Plug and Play Driver

Click on “/View/ Show hidden devices” to find “Non-Plug and Play Drivers” .



### Reason:

The key for the start mode for the xxdriver in the registry is placed to 3 (manual). Win 2000 thinks a driver installed first time in manual start mode must not be listed in Device Manager / hidden devices.

### Solution:

In PC -Configuration switch from PCLD-board to ALI board and save/close PC-Configuration. Open PC-Configuration again and switch back to PCLD-board. Reboot Computer System.

## PCLD-Board:

### Problem:

Start (10) or Stop (11) interrupt resources is in use of an other Device, although they are acquired in the BIOS setup for ISA Bus.

Or the serial com3 port does not work.

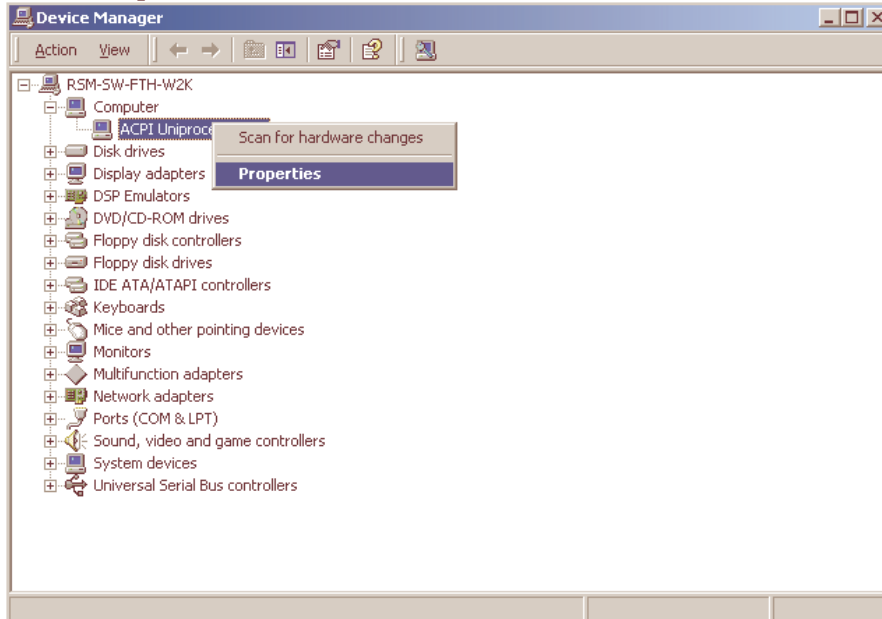
### Reason:

The Computer was installed in the ACPI Mode. Working with PCLD Board and Win2000 you are not able to acquire resources for your ISA board in the BIOS Setup of your computer in APCI Mode.

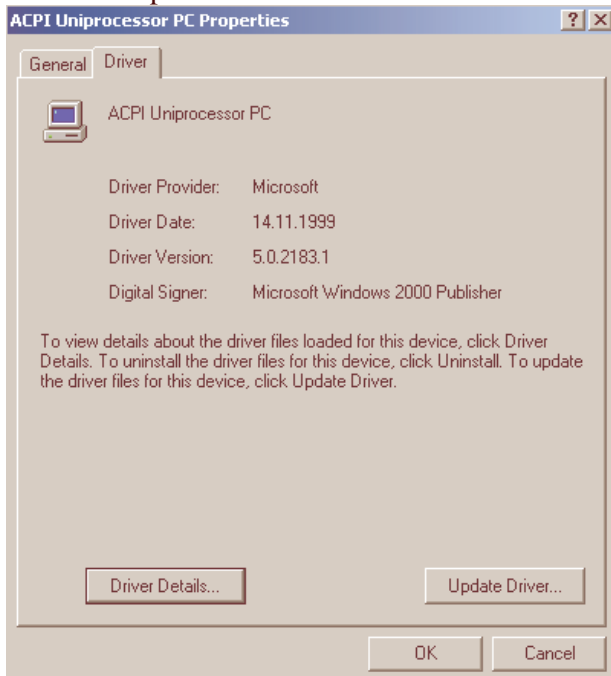
### Solution:

Change ACPI Mode to Standard PC Mode.

- Open Device Manager
  - Open Directory Computer
  - Right mouse click on ACPI Uniprocessor PC
  - Properties



- Click on update Device

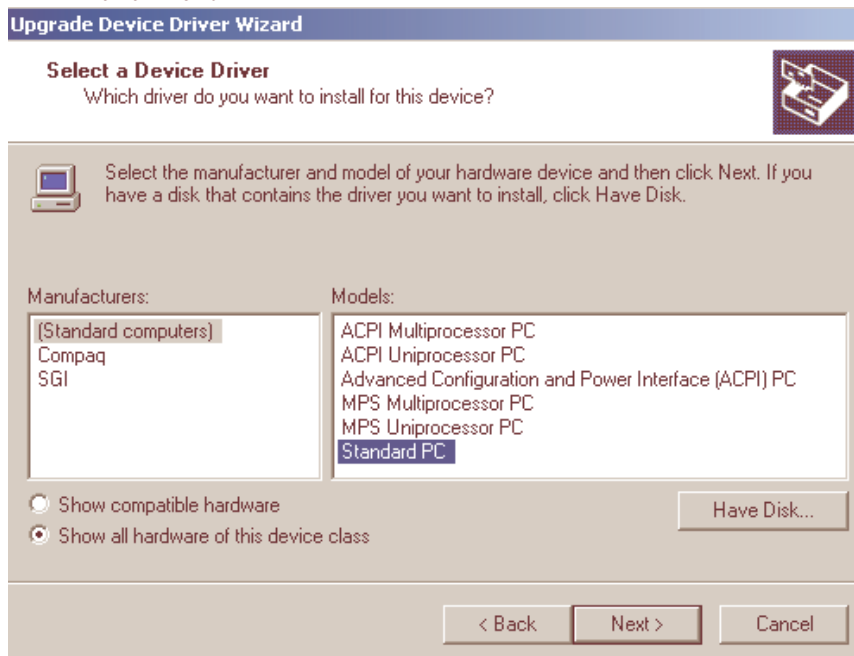


- change to "Display a list of Known drivers ..."

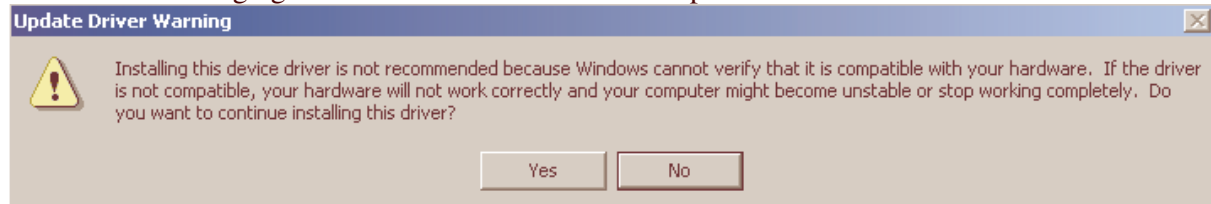
- click next



- Standard PC
- click next



- Windows sends a big warning to you
- Yes – changing to Standard PC should not make problems.



- drivers will be installed now
- reboot Computer System

# ALI

Installing on a new computer system, described problems do not happen since VLM 3.4 built level 8.051.13.

## Problem:

After installing VLM the computer does not reboot correct .

## Reason:

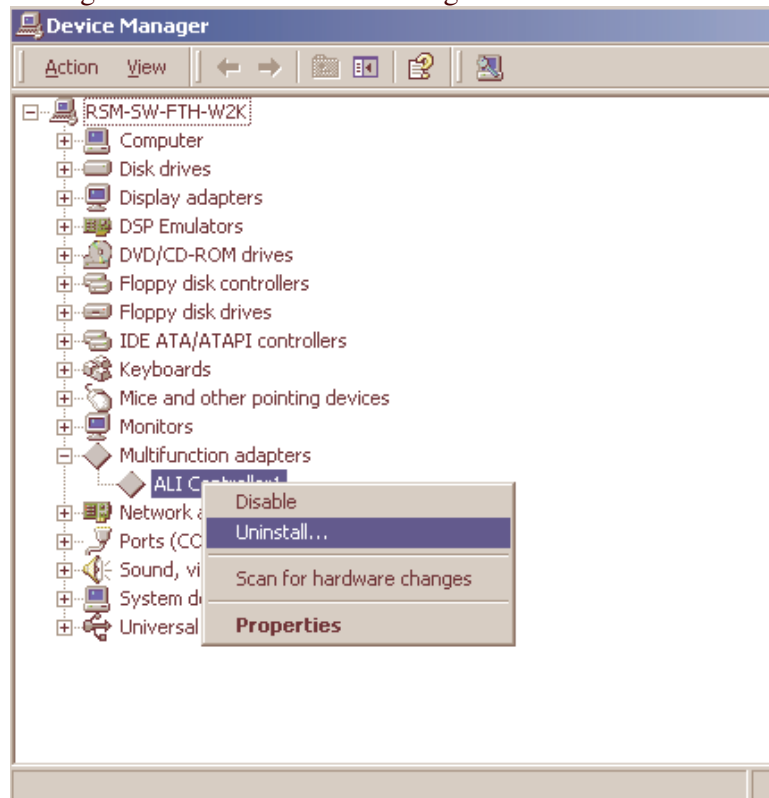
Win 2000 does find ALI-board two times in the computer system .One as „non Plug and Play Driver“ and one as “Plug and Play Driver”

## Help:

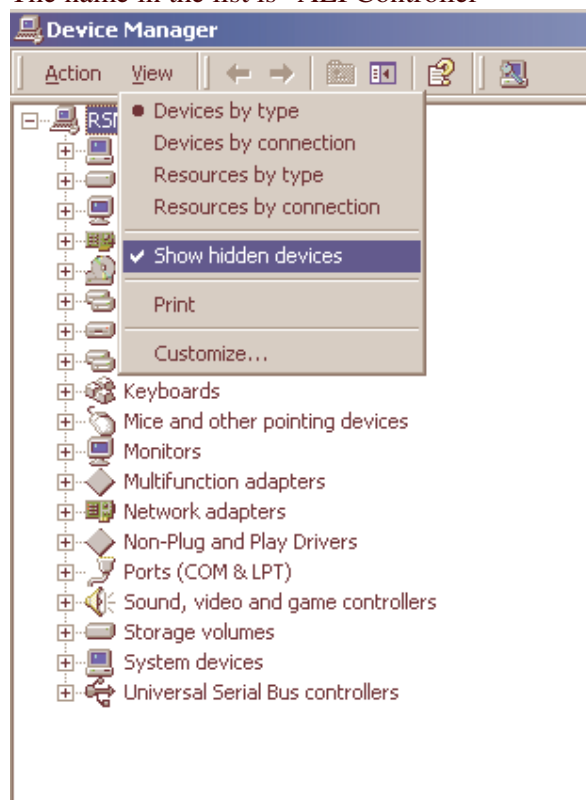
Start Win2000 in safty mode (F8)

De-install the Plug and Play Driver in the *Device Manager*:

Settings/ControlPanel/Device Manager

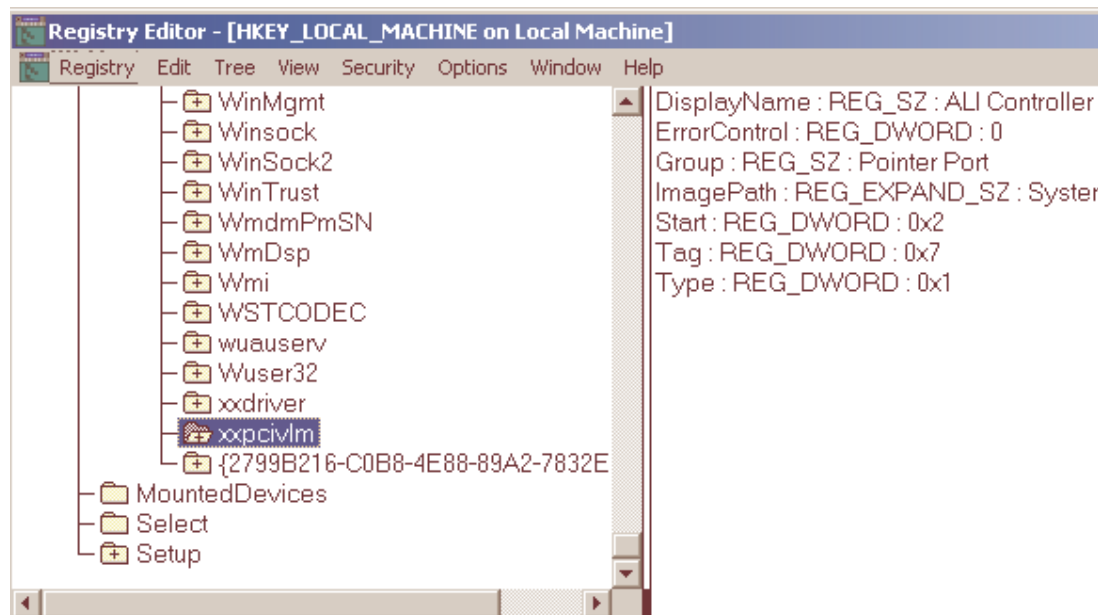


Deinstall the hidden non Plug and Play driver  
The name in the list is “ALI Controller“



In registry delete the key and sub keys completely:

"HKEY\_LOCAL\_MACHINE/SYSTEM/CurrentControlSet/Services/xpccivlm"



(all values and keys in xpccivlm will be deleted).

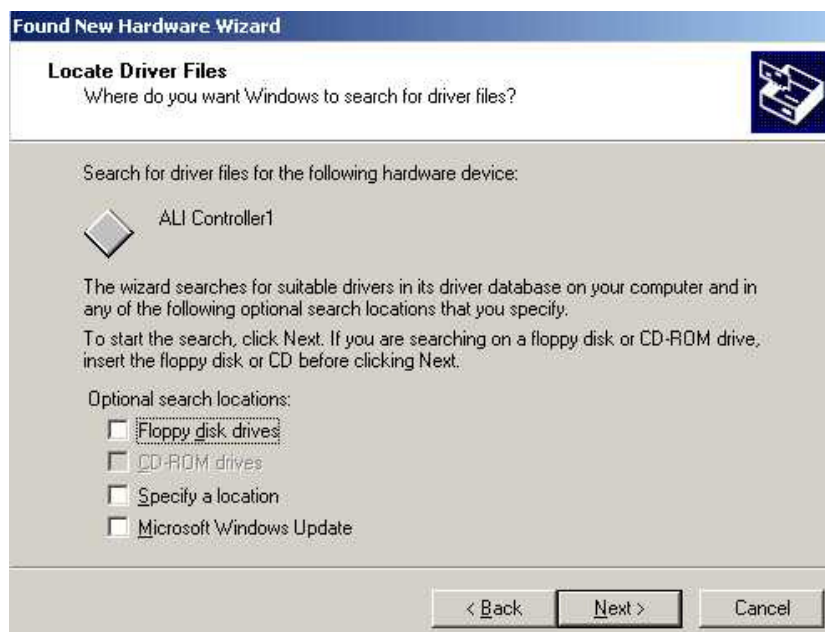
Restart Win 2000.

### Install the Plug and Play driver correctly

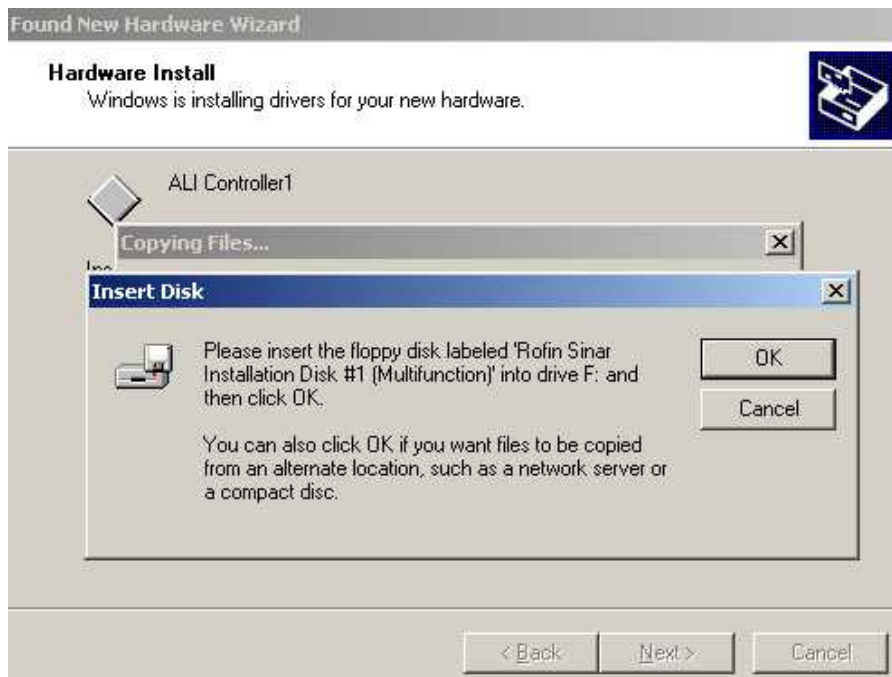
Booting Win 2000 the „ALI Controller1“ as new hardware should be found.  
Install the driver for the ALI-board as described bellow :



Click next, system searches for inf file again:



choose nothing, click next



click **OK**

now the system searches for the xpcivlm.sys driver file  
Browse to path C:\WINNT\system32\drivers



Click Ok.

System is now able to work with ALI board without rebooting .

Do not forget to update the ALI Version on the ALI board using the PCI Configuration tool.