G5019750986510

USER MANUAL

PCI Multi I/O Card

Ver:1.1

About the PCI I/O card

This PCI I/O card users an all-in-one solution from MosChip Technology which provides superior performance and matchless date transfer rates. The most advanced feature is it user of a single interrupt, which is set automatically by the host system and share among all on-board I/O ports.

Installing the PCI I/O card into your computer

1.Turn off your computer and all devices connected to it.
2.Remove the computer' s cove, Refer to your computer user manual for more details.
3.Find an unused PCI slot and remove the metal bracket. Save the bracket screw for later use.
4.Align the card horizontally with respect to the PCI slot and insert it into the sot. Once your have properly positioned the PCI I/O card into the slot. Secure the PCI I/O card with the bracket screw you have saved.
5.Replace the computer' s cover
6.Turn your computer on. You are now ready to install the driver!

Driver locations

All the drivers for the Following PCI I/O card are located in these directories of the driver CD.
MCS9865 (2S/2S1P/4S/6S/1P/2P) :/MOSCHIP/MCS9865

Driver Installation

Installing windows 2000/XP/2003 Driver
Installing drivers for the first time:
Run "PCIsetup.exe" file from the driver disk folder.
Shutdown the PC and insert the MCS9865 based PCI card into PCI slot and then turn ON the PC,
After restarting the PC, for the first time windows will bring up the **"Found New Hardware Wizard"** window to guide through the initial configuration process. Select **"No, not this time"** option and click on **"Next"** button to continue driver installation.
Select "**Install the software automatically (Recommended)**" option and click **"Next"** button.
If the "**Hardware Installation**" wizard pops for Windows XP compatibility, click on "**Continue Anyway**" button to ignore the warning message.

Click on "**Finish**" button to complete the MosChip MCS9865 Peripheral Port installation.

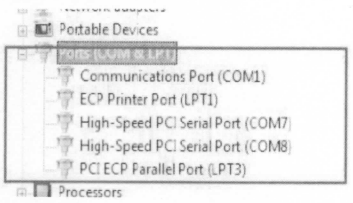
Note: Above procedure shall be followed to install the remaining ports of MCS9865 device.

Installing Vista driver

Attention: If you are installing MCS9865 Drivers on Vista 64 Bit, restart the system and while booting press "F8" Select "Disable Driver Signature Enforcement" option and press enter. This procedure is required for in-stalling un-singed drivers (Drivers not certified by Microsoft) only. Same is not applicable when the drivers are signed by Microsoft.
Ignore above note if you are installing MCS9865 drivers on Vista 32 bit.
Installing drivers for the first time
Make sure that you have not inserted PCI card into PCI slot.
1.Run "PCIsetup.exe" file from the driver disk folder.
2.PCISetup window will be popped up
3.Click on "Install" button to install the drivers automatically. During the installation "Windows security" wizard will appear twice saying that Windows can't verify the publisher.
4.Select "Install this driver software anyway" to install the drivers.
5.Click on "**Exit**" and shutdown the PC. Place the MCS9865 based PCI card into PCI slot and then power on the system. After the system boots, the drivers are installed automatically and the status of installation can be viewed in the taskbar.

Verifying Driver Installation

MCS9865 device detection and driver installation can be confirmed from Device Manager. For Example proper detection of the MCS9865 PCI Card (2 Serial + 1 Parallel) can be confirmed by viewing the Device manager as shown below:



Installation DOS Driver

The following procedure explains how to install MosChip serial and parallel I/O ports on DOS.

Step 1: Copy "GEMDOSIN.exe" to 'C:\' Drive from Floppy. The command is "copy a:\ GEMDOSIN.exe c:\"

Step 2: type "gemdosin -a" and press Enter. (-a is used for adding Moschip ports). On Successful installation, information is displayed as below:

```
COM1 exists
COM2 exists
LPT1 exists
PCI Device configurations...
Found Moschip Semiconductor pci device 9865(1000A000) Rev00 on Bus01 Slot00
Serial port at 9000
Found Moschip Semiconductor pci device 9865(1000A000) Rev00 on Bus01 Slot00
Serial port at 9400
Found Moschip Semiconductor pci device 9865(2000A000) Rev00 on Bus01 Slot00
Printer port at 9800
Detected 3 pci device(s)
============================
COM1 exists at 3F8
COM2 exists at 2F8
COM3 added at 9000 (IRQ 9)
COM4 added at 9400 (IRQ 11)
LPT1 exists at 378
LPT2 added at 9800 (IRQ 6)
============================
```

Packages

1.PCI I/O card

2.Driver CD

3.User manual

4.Bracket with COM ports(subject to different models)