

Problem installing Mocha Wan pcmcia Card (CODE 10) - Resolution

This is caused by the Laptop PC not allowing shared IRQs (Interrupt Requests) and being unable to allocate the necessary resources to start the Mocha Wan adapter (code 10). This requires a 2 Part Solution.

1. Part 1 - Change the Registry to all IRQ sharing. See below.
You will need to re-boot after this to allow the new Registry change to work.
2. Part 2 - Allocate Mocha Wan WAC Wan Analyser Card Resources Manually.
You will also need to re-boot after this to allow the new Resource allocation to work.

Part 1 - RESOLUTION – to change IRQ Registry Settings

Warning Serious problems might occur if you modify the registry incorrectly by using Registry Editor or by using another method. These problems might require that you reinstall the operating system. Microsoft cannot guarantee that these problems can be solved. Modify the registry at your own risk.

To resolve this behavior, disable the ISA-to-PCI routing feature to allow these PC Cards to function in laptop computers:

1. Start Registry Editor (Regedit.exe).
2. Locate and click to select the following key in the registry:
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\PCMCIA\Parameters
NOTE: If this key is not present,
On the **Edit** menu, click **New**->Key and type the word "Parameters".
3. On the **Edit** menu, click **New**, click **DWORD Value**, type **DisableIsaToPciRouting** in the **NewValue** box, and then press ENTER.
4. Click to select **DisableIsaToPciRouting**, click **Edit**, and then click **Modify**.
5. In the **Value data** box, type **1**, and then click **OK**.
6. Quit Registry Editor.

This procedure disables PCI routing for 16-bit PC Cards. With this feature, you can successfully install 16-bit PC Cards on computers that are low on ISA interrupts by using a shared-PCI interrupt.

Note: If you disable this feature, the device could potentially display an error code 12 (not enough free resources) in Device Manager if there is not a suitable free interrupt for the card to use. You may have to disable an unused device or port to make an IRQ available for the card.

Note: You will need to re-boot the laptop for this registry change to take effect!

Part 2 - Device Manager – Resource Allocation

either Right Click on My Computer -> Device Manager
or Control Panel -> Device Manager.

Click on **Network Adapters**
Click on **WAC Wan Analyser Card**
Click on **Resources Tab**
UNTICK [] Use automatic settings

Click to HighLight **I/O Range**
Click on **[Change Settings]**
Enter Value **FFE0-FFE7** -and click OK
it should say in the box below "No devices are conflicting"

Click to HighLight **IRQ**
Click on **[Change Settings]**
Enter Value **3** -
It should say in the box below "No devices are conflicting"
If not try another value, or Windows may even suggest a different value.
and click OK

Click to HighLight Memory Range
Click on [Change Settings]
Enter Value D0202000 – D0281FFF -and click OK
It should say in the box below "No devices are conflicting"



Note: You will need to re-boot the laptop for this Resource change to take effect!