



Agilent Technologies

LAN Undercradles J2306A/B, J2307A, and J2309A/B Installation Supplement

Reserving Interrupt 10 for LAN Undercradles — Required

These additional steps are required to correctly operate the Advisor J2300C/D/E and J3446C/D/E model mainframes with an Ethernet (J2306A, J2306B), Token Ring (J2307A), or Ethernet/Token Ring (J2309A, J2309B) undercradle. We recommend that you attach this supplement in your Advisor Software Installation Guide for future reference.

You should perform these steps prior to launching the LAN application. **If you have already tried launching the LAN application, the application will either hang (and the undercradle will not be detected) or an error message may be displayed “Hardware Not Available”.**

In Windows 98 Second Edition, the Advisor C/D/E model mainframes normally have four interrupts (9, 10, 11, and 15) available for use by Advisor measurement hardware and PC Card devices. The J2306A/B, J2307A, and J2309A/B undercradles are hardwired to interrupt 10. Windows 98 Second Edition always assigns an interrupt to each of the two PC Card slots; and normally one of the assigned interrupts is 10. These LAN undercradles are not plug and play devices, therefore Windows cannot automatically reassign 10 to the undercradle. To ensure interrupt 10 is available for use by the undercradle, you must reserve it as a system resource in Windows. This means that interrupt 10 will be unavailable for use by any other devices, essentially limiting the mainframe to interrupts 9, 11, and 15 for use by other devices even if the LAN undercradle is removed.

To Reserve Interrupt 10 for the LAN Undercradle:

1. Right click on "My Computer" and select "Properties" to display the "System Properties" window.

continued on back



5971-5008

February 2002
Printed in Singapore
© Agilent Technologies, Inc. 2002

2. Click on the "Device Manager".
3. "Computer" should be highlighted by default. If not, select it now.
4. Click on the "Properties" button to display the "Computer Properties" window.
5. Click on the "Reserve Resources" tab.
6. The radio button "Interrupt Request (IRQ)" should be selected by default. If not, select it now. The list of reserved IRQs should be empty. If IRQ 10 is already on the reserved list, the system is already properly configured. If IRQ 10 is not on the list, click the "Add" button to display the "Edit Resource Setting" window.
7. Enter "10" and click "OK".
8. In almost every case a "Resource Conflict Warning" will be displayed. If not, it is not a problem. Click "OK" to proceed. IRQ 10 should now be listed as a reserved IRQ.
9. Click "OK" to close the "Computer Properties" window.
10. Click "OK" to close the "System Properties" window.
11. Properly shut down Windows and turn off the Advisor.
12. Turn on the Advisor. The system should now be properly configured to use the LAN undercradle.

In this configuration, interrupt 10 is no longer available for use by any other devices. This can cause the platform to run out of interrupts in other configurations if you replace the LAN undercradle with another undercradle. In this event, you will need to return to the "Computer Properties" window and delete IRQ 10 from the list of reserved resources. Every time you re-attach the LAN undercradle, you will need to repeat the previous steps to reserve interrupt 10.