

5000 *driver* : Has encountered a conflict in resources and could not load.

The resources needed for your network adapter conflicts with another adapter.

Action: Check the resources used by the network adapter(s) to ensure that no conflicts exists.

5001 *driver* : Could not allocate resources necessary for operation.

The NDIS 3 driver failed to load, because it tried to allocate too many resources.

Action: Decrease the number of receive and/or transmit buffers and re-try.

5002 *driver* : Has determined that the adapter is not functioning properly.

The adapter could not be found or is not working properly.

Action: Check I/O base settings and re-try.

5003 *driver* : Could not find an adapter.

The adapter could not be found by the NDIS 3 driver.

Action: Check I/O base settings and re-try.

5004 *driver* : Could not connect to the interrupt number supplied.

The interrupt is already used by another device.

Action: Change the adapter interrupt number and re-try.

5005 *driver* : Has encountered an internal error and has failed.

An internal error has been discovered.

Action: Re-start your system. If the error persists, contact your place of purchase for support.

5006 *driver* : The version number is incorrect for this driver.

The NDIS 3 driver version is incorrect.

Action: Re-start your system. If the error persists, contact your place of purchase for support.

5007 *driver* : Timed out during an operation.

A time-out error occurred.

Action: Re-start your system. If the error persists, contact your place of purchase for support.

5008 *driver* : Has encountered an invalid network address.

An invalid network address was specified.

Action: Change the locally administered network address and re-start your system. If the error persists, try clearing the network address in the setup dialog. The NDIS 3 driver will then use the burned-in address when opening.

5009 *driver* : Does not support the configuration supplied.

An invalid configuration entry was discovered.

Action: Use the network control panel to set proper adapter parameters. Do not try to manually change any parameters in the registry.

5010 *driver* : The adapter has returned an invalid value to the driver.

An internal error has occurred.

Action: Re-start your system. If the error persists, contact your place of purchase for support.

5011 *driver* : A required parameter is missing from the registry.

A parameter necessary for operation has been omitted in the registry.

Action: Use the network control panel to set proper parameters.

5012 *driver* : The IO Base Address supplied does not match the jumpers on the adapter.

The adapter could not be found by the NDIS 3 driver.

Action: Check I/O base settings and re-try.

5014 *driver* : The adapter is disabled. The driver cannot open the adapter.

The adapter is disabled.

Action: Make sure the start-up parameter for the NDIS 3 driver is set to "Manual". Use the "Devices" applet in the control panel to change the settings.

5015 *driver* : There is an I/O port conflict.

The ports used by the NDIS 3 driver are already in use by another device.

Action: Change the I/O Base address for the adapter.

5016 *driver* : There is an I/O port or DMA channel conflict.

The ports or DMA channel used by the NDIS 3 driver are already in use by another device.

Action: Check the I/O port and DMA usage by the adapter to ensure that there is no resource conflicts.

5018 *driver* : There is a interrupt conflict at interrupt number xx.

The adapter tried to use an interrupt currently in use.

Action: Change the interrupt selection on the adapter and re-try.

5019 *driver* : There is a resource conflict at DMA channel xx.

The adapter tried to use a DMA channel currently in use.

Action: Change the DMA channel selection on the adapter and re-try.

Bus Number

Use the Bus Number parameter only when the network adapter is installed in multi-bus PC's. If the PC only has a single bus, set this parameter to 0 (zero). This is the usual situation.

Contents for Network Installation Help

The Microsoft® Windows NT™ operating system uses NDIS 3 network drivers.

This help file explain the configuration parameters for the network driver you are installing or configuring. You must be logged on as a member of the Administrators group to install and configure network adapters.

Use this help file as a guide if you experience any problems with your network adapter. It contains a list of all NDIS 3 driver error messages and proposed actions.

This help file is also accessible via the Winhelp.exe File|Open menu.

Duplex

The Duplex parameter is used to force the adapter's network frontend into using a fixed duplex mode. Normally this parameter is set to Auto and the adapter will then auto-negotiate the fastest possible link. If the LAN Speed is forced to either 10 or 100 Mbps, duplex will default to Half Duplex unless Full Duplex is specified.

Error descriptions

If you have any problems with the network, you should check if any error messages or warnings are posted by the NDIS 3 driver by using the Event Viewer in the Administrative Tools group.

Ensure that the adapter is located at the correct I/O base address, and the cable is properly connected to the adapter.

All error messages and/or warnings posted by the NDIS 3 driver have the Source field set to "OCE3XM". System error messages, related to the NDIS 3 driver, can occur with different source names, i.e. "Service Control Manager".

The messages are enumerated by the b Event field and are described below in Event number order. In the event viewer display the message description by highlighting the message and pressing the enter key. Error messages from 5000 are predefined error codes specific to the Windows NT[®] operating system. You can retrieve additional information on these messages in your documentation.

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5010 : driver : The adapter has returned an invalid value to the driver

5011 : driver : A required parameter is missing from the registry

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5018 : driver : There is a interrupt conflict at interrupt number xx

5019 : driver : There is a resource conflict at DMA channel xx

If you have any problems, write down the *Event ID*, *Source*, *Description* and *Data* fields in the **Event Detail** window. This information helps the support team to locate the error.

I/O Base Address

The I/O base address specifies where the network adapters I/O ports are located. Only the specified I/O range is scanned for an adapter. If an invalid I/O address range is selected, you will be unable to connect to the network.

If *Auto detect* is selected then all possible I/O ranges are searched for an adapter.

If the adapter cannot be found at the specified I/O address, the Could not find an adapter error message is posted.

LAN Speed

The LAN Speed parameter is used to force the adapter's network frontend into using a fixed speed. Normally this parameter is set to Auto and the adapter will then auto-negotiate the fastest possible link. If Duplex is forced to either Half Duplex or Full Duplex, LAN Speed will default to 10 Mbps unless 100 Mbps is specified.

Network Driver Interface Specification

Network address

Use the Network address field if you do not want to use the network adapter's burned in Ethernet address. The value entered must be a locally administered address, i.e. of the format X*XXXXXXXXXX. Where X is any hexadecimal digit, and * is either 2,6,A or E.

If the NDIS 3 driver encounters an invalid network address, the invalid network address error message is posted.

The value entered is verified by the setup program when you click "Ok" in the setup dialog box.

Parameter descriptions

The following parameters are applicable for the NDIS 3 driver:

I/O Base Address

Bus Number

Network address

LAN Speed

Duplex

All parameters have a default value suitable in most situations. However, if you need to install several adapters in your system, or use locally-administered addresses, you may need to change some of them.

NOTE: MCA adapters do not have settable I/O Base Address and Bus Number parameters. These parameters are provided by the operating system.

If you have any problems, write down the *Event ID*, *Source*, *Description* and *Data* fields in the **Event Detail** window. This information helps the support team to locate the error.

