

AccelePort Windows 2000 Device Driver

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Master Setup Process

This overview outlines the general procedure for installing and configuring the Windows 2000 device driver for AccelePort asynchronous adapters.

1. Install the adapter. See the appropriate hardware installation card for more information.
 2. Install the Windows 2000 driver. See: [Driver Installation - PCI](#), or [Driver Installation - ISA](#).
 3. Follow the prompts in the Add Hardware Wizard to install the driver.
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Driver Installation - PCI

Use this procedure to install Windows 2000 device drivers for Digi PCI adapters.

Note: When you install multiple PCI adapters of the same type on a Windows system, it is sometimes difficult to determine which adapter you are configuring. To avoid confusion, you may wish to install and configure the adapters one at a time.

Procedure

1. Install the adapter according to the instructions on the hardware installation card for that adapter.
 2. Turn on the computer and start Windows 2000. Windows will auto-detect the adapter and search for the correct device driver.
 3. If Windows cannot find a driver for the adapter, you will be asked for the location of the driver. If the driver is on a Digi-supplied CD, check the CD-ROM box. If you have downloaded the driver, enter the path to the folder into which you downloaded the driver.
 4. Depending on your adapter type, you may be asked to complete various configuration wizards or dialogs. These wizards and dialogs are fully documented in context-sensitive help screens.
 5. When the installation is complete, the device is ready to use. There is no need to restart Windows.
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Driver Installation - ISA

Use this procedure to install Windows 2000 device drivers for Digi ISA adapters. If your adapter is a PCI adapter, see [Driver Installation - PCI](#).

Prerequisite

Before doing this procedure, make sure that:

- You have already physically installed the adapter in your computer according to the instructions on the hardware installation card for that adapter.
- You have written down the I/O address for each adapter (as set on the adapter's DIP switches).

Procedure

1. From the Start menu, choose Settings > Control Panel > Add/Remove Hardware > Next.
2. Choose Add/Troubleshoot a device > Add a new device.
3. When asked if you want Windows to search for new hardware, choose No > Next.
4. From the displayed list, and according to your adapter type, choose one of the following:
 - Multi-port serial adapters (for AccelePort asynchronous adapters)
 - Network adapters (for DataFire synchronous adapters)
5. From the Manufacturers pane, choose Digi International.
6. From the Models pane, choose your adapter.

If your adapter does not appear in the Models pane, or if you wish to install a newer driver than the one already in the operating system, choose Have disk and enter the path of the folder containing the drivers for your adapter (this will be either a Digi-supplied CD-ROM, or a folder into which you have downloaded the driver files).

7. You will now see the Start Hardware Installation dialog. Choose Next to continue.
8. If your adapter is a C/X, EPC/X or Xem host adapter, the Adapter Configuration Wizard will now appear. Use this wizard to add concentrators, PORTS and/or modem modules to your configuration. If your adapter is not a C/X, EPC/X or Xem host adapter, skip this step.
9. If your adapter is an AccelePort adapter, you will now see the Ports Configuration dialog. Use this dialog to configure individual port properties and to rename ports.
Note: when renaming ports, only the number can be changed; the prefix will always be COM. If your adapter is a DataFire synchronous adapter, skip this step.
10. You will now see the Completing the Add/Remove Hardware Wizard. If you left the adapter's DIP switch settings in the factory default position, choose Finish to complete the wizard.

If you changed the DIP switches, do the following:

1. Choose Resources > Set Configuration Manually.
2. Choose Input/Output Range > Change Setting.
3. Choose the Input/Output Range that corresponds to your DIP switch settings > OK > OK.

11. Choose Finish to complete the Add/Remove Hardware wizard.
12. If you changed the hardware resources from the default settings, restart your computer to complete the installation and activate the driver.

If you left the hardware resources at their default values, the driver is ready to use without restarting the computer.

Changing the Adapter Properties

Use this procedure to change the configuration of an installed adapter.

Procedure

1. From the Start menu, choose Settings > Control Panel > System > Hardware > Device Manager.
2. From the displayed list, choose one of the following, according to your adapter type:
 - Multi-port serial adapters (for AccelePort asynchronous or RAS adapters)
 - Network adapters (for DataFire synchronous or RAS adapters)
3. Choose the Digi adapter you wish to configure.
4. From the Action menu, choose Properties.
5. Configure the adapter as necessary.
6. If you changed the hardware resources from the default settings, restart your computer to complete the configuration.

If you left the hardware resources at their default values, the adapter is ready to use without restarting the computer.

Uninstalling a Windows 2000 Driver

Use this procedure to uninstall a Windows 2000 driver.

Procedure

1. From the Start menu, choose Settings > Control Panel > Add/Remove Hardware > Next.
2. Choose Uninstall/Unplug a device > Next.
3. Choose Uninstall a device > Next.
4. Choose the device you wish to uninstall > Next > Yes > Next > Finish.

Note: To prevent the driver from being automatically reinstalled when you restart Windows, shut down Windows, turn off the computer and remove the adapter. If you wish to disable the driver without physically removing the adapter, choose Unplug a device in Step 3.

Testing Ports in Windows 2000

To test the Digi ports, use the Windows HyperTerminal application.

Port Names

Windows 2000 will only recognize port names above COM9 if they are prefixed with "\\.\". For example, to access COM10, use "\\.\COM10". For the sake of consistency, this convention may also be used for COM1-COM9, if desired. Most communications applications handle this automatically; consult your application's documentation to see how it handles port names.

Altpin

The Windows 2000 device driver supports Altpin software swapping of the DCD and DSR signals to facilitate the use of 8-pin RJ-45 connectors with adapters which support RJ-45 connections.
