QUICK START FOR THE TOKENLINK® VELOCITY™ XL PCI 3C359 NIC

A member of the high-performance TokenLink Velocity family

http://www.3com.com/

Part No. 09-1117-000
Published November 1997

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Getting Started

The contents of your 3Com® TokenLink® Velocity™ 3C359 network interface card (NIC) package include the following items:

- TokenLink Velocity XL PCI 3C359 NIC
- *TokenDisk*® 3.5-inch diskettes #1 and #2
- *TokenDisk* CD
- *TokenLink Velocity XL PCI Network Interface Card User Guide*
- *Quick Start for the TokenLink Velocity XL PCI 3C359 NIC*

For installation instructions, you can use the printed or online versions of the guides. The *TokenDisk* CD contains Adobe Acrobat Portable Document Format (PDF) versions of both guides. You can use Adobe Acrobat Reader to display, navigate, or print the guides.

The *TokenDisk* CD also provides the same 3C359 NIC installation software contained on *TokenDisk* diskettes #1 and #2. Use the media that suits your environment.

Installing Adobe Acrobat Reader

To view the 3C359 NIC user guide PDF file, the appropriate Adobe Acrobat Reader version must be installed in your computer. You can obtain and install Adobe Acrobat Reader in two ways:

- From Adobe Systems Incorporated
- From the 3Com *TokenDisk* CD

Downloading Acrobat Reader Free from Adobe

The Adobe Acrobat Reader is available for downloading at no cost from Adobe's Internet Web site at:

`http://www.adobe.com`

You can also download Acrobat Reader from Adobe's File Transfer Protocol (FTP) site at:

`ftp.adobe.com`

Follow the Acrobat Reader online installation instructions.

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Installing Acrobat Reader from the *TokenDisk* CD

The *TokenDisk* CD contains Adobe Acrobat Reader versions for the following operating systems:

- Microsoft Windows 3.1
- Microsoft Windows 95
- Microsoft Windows NT
- IBM OS/2 Warp
- DOS

To install the Acrobat Reader version for your environment, follow these steps:

1 **Insert the *TokenDisk* CD in your computer's CD-ROM drive.**

2 **Display the contents of the \ACROBAT directory.**

For example, if you are running Windows 95, use Windows Explorer or AutoPlay Extender to display the contents of the \ACROBAT folder. Click the folder within \ACROBAT that is appropriate for your computer's operating system (WIN, OS2WARP, or DOS).

The WIN folder contains a 16bit *folder for Windows 3.1 and a* 32bit *folder for Windows 95 and Windows NT environments.*

3 **Run the Acrobat Reader installation program that is appropriate for your computer's operating system.**

Operating System	Installation Program
Windows 95	SETUP.EXE
Windows NT	SETUP.EXE
Windows 3.1	SETUP.EXE
OS/2 Warp	ARO2R30.EXE
DOS	ACRODOS.EXE

4 **Follow the Acrobat Reader online installation instructions.**

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Viewing a *TokenDisk* CD PDF File

To view the user guide or Quick Start PDF file on the *TokenDisk* CD, Adobe Acrobat Reader must be installed on your computer. Follow these steps to use Acrobat Reader to display a PDF file:

1 Display the contents of the \GUIDES directory.

For example, if you are running Windows 95, use Windows Explorer or AutoPlay Extender to display the contents of the \GUIDES folder.

The \GUIDES folder contains the following PDF files:

- USER.PDF user guide
- QUICK.PDF Quick Start

2 Launch the PDF file that you want to view.

For example, if you are running Windows 95, double-click the PDF filename of the guide you want to display. Acrobat Reader displays the guide.

3 Use the Acrobat Reader facilities to view, search, navigate, or print the displayed PDF file.

For help in using Acrobat Reader, consult the Acrobat Reader online Help resource, or open the TIPS.PDF file located in the root directory of the *TokenDisk* CD.

Installing the 3C359 NIC

Perform the following steps to install the 3Com TokenLink Velocity XL 3C359 NIC. If you need additional help, see the user guide, which is available in printed form or online form, as described earlier in this Quick Start.

1 Insert the 3C359 NIC in a PCI bus master slot.

You can install the 3C359 NIC in either a standard bus master 32-bit slot or a 64-bit bus master slot. If both slot types are available in your PC, place the NIC in the 32-bit slot. See Chapter 2 in the user guide for details.

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2 Connect a token ring cable to the NIC.

For cabling details, see installation instructions in Chapter 2 and connector and cabling specifications in Appendix A of the user guide.

3 Connect the other end of the cable to a network dual access unit (DAU), a multistation access unit (MAU), controlled access unit (CAU), or a token ring switch.

The 3C359 NIC can operate in full-duplex mode when attached to a Dedicated Token Ring (DTR)-enabled switch.

4 Turn the PC power on.

The PCI system automatically configures the 3C359 NIC.

5 Choose the appropriate network device driver for your operating system environment.

6 Install the network driver from the appropriate directory on the *TokenDisk* diskettes or on the *TokenDisk* CD, as shown in Table 1.

Table 1 Driver Directory Locations on 3C359 NIC *TokenDisk* Diskettes

Driver	*TokenDisk* Diskette No.	Driver Directories
Microsoft NDIS 4.0 miniport	2	\W98NT40
Microsoft NDIS 3.0 miniport	2	\W95NT351
NDIS 2.01 OS/2	2	\NDIS2\OS2
NDIS 2.01 DOS	2	\NDIS2\DOS
NetWare DOS ODI 16-bit client	1	\NETWARE\NWCLIENT
NetWare ODI OS/2 client	1	\
NetWare ODI 32-bit client (ODI 3.3 spec.)	1	\NETWARE\CLIENT32
NetWare ODI 32-bit server (ODI 3.3 spec.)	1	\NETWARE\NWSERVER\3.12 \NETWARE\NWSERVER\4.1x
Microsoft NDIS 4.0 miniport	2	\W98NT40

7 Verify your configuration options.

Table 2 lists the default configuration option settings of the 3C359 NIC at shipment.

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Table 2 Initial Settings of 3C359 NIC Configuration Options

Configuration Option	Default Setting
Ring Speed	Auto Detection (16 Mbps or 4 Mbps)
Boot ROM	Disabled
Memory Limit of 1 MB	No Limit
DynamicAccess Class of Service* (Traffic Prioritization)	Disabled
Universal (UAA) or Locally Administered Address (LAA) network address selection	UAA

* Available only with the NDIS 4 miniport driver.

For details on changing configuration settings for a particular option, see Appendix B in the user guide.

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