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Apple PCI Token Ring Card: Software & Configuration (4/97)

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TOPIC -----------------------------------------------------------

This article describes installing and configuring the software needed for the
Apple PCI Token Ring Card.

DISCUSSION ------------------------------------------------------

Hardware
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PCI-Based Power Macintosh Compatibility
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The Apple PCI Token Ring Card will work with and is supported by:

Power Macintosh 7200/100 and 7200/120 computers
Power Macintosh 5400 Performa computers
Power Macintosh 7500, 7600, 8500, and 9500 series computers
Workgroup Server 7250
Workgroup Server 8550 series computers


Incompatible With DOS Compatibility Card
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At this time, the PCI Token Ring card is not compatible with the PCI DOS
Compatibility card. Apple Engineering is investigating this issue.



Software
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Installing the Software
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This section provides instructions for installing the software in a Macintosh
computer. You can also use the Apple PCI Token Ring Card with other network
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systems, such as Netware and AIX. Be sure to see the documentation that comes
with your computer for details about installing and setting up the card's driver
software. To use your Apple PCI Token Ring Card with a Macintosh computer, that
computer must have system software version 7.5.3 (or a later version) and at
least 8 megabytes (MB) of random-access memory (RAM).

System 7.5.3 Installer

If your computer does not already have system software version 7.5.3 (or a later
version) installed, you must install this version before using the PCI Token
Ring Card. A CD-ROM containing version 7.5.3 is included with the card.

Step 1
Quit any open applications or desk accessories.

Step 2
Insert the CD-ROM disk in your Macintosh and double-click the disk's icon to
open it.

All system software files are compressed. The Installer program will expand them
during installation. Do not drag them to your hard disk.

Step 3
Double-click the Install System Software folder to open it.

Step 4
Double-click the Install System Software icon to open it.

Step 5
When you see the Installer's welcome screen, click Continue.

The Easy Install dialog box appears. These instructions cover the Easy Install
process, which is suitable for most Macintosh users. If you know exactly which
components of system software you want to install, you can use the Custom
Install option (by choosing Custom Install from the pop-up menu, then selecting
the items you want to install).

Step 6
Make sure the destination disk indicated on the screen is the one on which you
want to install system software.

If the wrong disk name appears, click the Switch Disk button until the correct
disk name appears.

Step 7
Click Install.

The Installer updates the software in the System Folder on your hard disk.

Step 8
Follow the instructions on the screen.

On-screen messages report the installation status. The installation procedure

may take several minutes.

Step 9
When installation is complete, restart your computer.

If for some reason the procedure was not successful, try the procedure again.

Token Ring Driver Installer

To install the card's Token Ring driver software on your Macintosh computer, you
need to use the Installer program on the Network Driver Installer disk, included
with your card. For safety, make sure the Installer disk is locked before you
use it. To lock a disk, slide the tab on the back side so that the square hole
is open. Keep the installer disk after installation in case you need to
reinstall Token Ring software some time in the future. To install the driver
software:

Step 1
Insert the Network Driver Installer disk in your Macintosh and double-click the
disk's icon to open it.

Step 2
Open the Installer program, review the welcome screen, and click Continue.

The Easy Install dialog box appears.

Step 3
Make sure that the disk indicated on the Installer's dialog box is your current
startup disk, and click Install.

If you see a message indicating that the software cannot be installed while
other programs are running, click Continue.

Step 4
When you see a message reporting that the installation was successful, click
Restart.

Before you can use services on a Token Ring network, you need to select the
Token Ring network connection for your startup disk. Move ahead to the
Configuration section of for more information.

Configuration
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Configuring the System for Token Ring In this section, we will cover the steps
necessary to configure your Macintosh computer's network connections for use
with your newly installed PCI Token Ring Card, System 7.5.3, and the Token Ring
software.

AppleTalk Setup

A Macintosh computer's network connection is preset for LocalTalk connected to

the printer port. To connect to a Token Ring network using AppleTalk, you need
to change the settings in the AppleTalk control panel. Follow these steps:

Step 1
Choose Control Panels from the Apple menu.

Step 2
Double-click the AppleTalk control panel to open it.

Step 3
Choose Token Ring from the popup menu.

If you have more than one card, choose the one you want to use for an AppleTalk
connection. If you see a message that an error occurred, click OK and make sure
that your computer is connected to the Token Ring network.

Step 4
Click Save to save the changes you made in the AppleTalk connection.

Step 5
If you see a pop-up menu that lists zones, select the zone you want, then click
OK.

If your network has been set up to allow you to choose a zone but you have not
yet done so, the menu lists choices, with your designated zone selected. The
zone you select determines the default location for any network services
provided by your computer and listed in the Chooser (such as file sharing).
Before you select a zone different from the one already highlighted, consult
your network administrator.

Step 6
Close the AppleTalk control panel.

Step 7
Check that the LED light on the card, above the Token Ring port, is working
properly.

You are now ready to use AppleTalk services available on your Token Ring
network.

TCP/IP Setup

To connect to a Token Ring network using TCP/IP, you need to change the setting
in the TCP/IP control panel. Follow these steps:

Step 1
Choose Control Panels from the Apple menu.

Step 2
Double-click the TCP/IP control panel to open it.

Step 3
Choose Token Ring from the popup menu.

If you have more than one card, choose the one you want to use with TCP/IP. If you see a message that an error occurred, click OK and make sure that your computer is connected to the Token Ring network.

Step 4
Configure the remaining options in the control panel and check with the network administrator if there are any questions.

Step 5
Click Save to save the changes you made in the TCP/IP connection.

Step 6
Close the TCP/IP control panel.

Step 7
Check that the LED light on the card, above the Token Ring port, is working properly.

You are now ready to use TCP/IP services, such as MacIP, on your Token Ring network.

Article Change History:
04 Apr 1997 - Added step to TCP/IP setup section.
14 May 1996 - Updated with hardware compat info.
17 Apr 1996 - Changed distribution status.
19 Feb 1996 - Changed distribution status.

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