Tech Info Library

PowerBook Duo, Duo Dock, Token Ring and NSI 1.3 (8/93)

Revised: 5/31/94
Security: Everyone

PowerBook Duo, Duo Dock, Token Ring and NSI 1.3 (8/93)

==

Article Created: 26 February 1993
Article Reviewed/Updated: 23 August 1993

TOPIC ---

I am evaluating the PowerBook Duo and Duo Dock to purchase, but I won't make a
purchase decision until I'm assured that the Apple Token Ring 4/16 NB card will
work in them.

DISCUSSION --

We can assure you that the Duo and Due Dock work properly with the Token Ring
4/16 NB card. We have run TokenTalk and SNA•ps clients over them without
problem, When installing TokenTalk drivers be sure to use Network Software
Installer (NSI) 1.3.3 or higher which resolves some problems with earlier
versions of NSI.

If you are using an earlier version of NSI, there are some VERY IMPORTANT
CAUTIONS to guarantee proper operation. Below is a list:

• Install TokenTalk drivers from the System 7.1 disks included with the
  Duo.

• Keep the Network Control Panel that comes with System 7.1 disks. With
  this version of the Network CDEV, the Duo will remember its Token Ring
  connection in the Dock when it's returned after being started up outside
  the Dock.

• DO NOT EVER use NSI 1.3 with the Duo and Duo Dock. It's not supported on
  this machine because it alters the Network Control Panel to version 3.0,
  which forgets network attachments, and it confuses the Duo AppleTalk
  version.

• DO NOT EVER use NSI 1.2.1, which comes in the box with the Token Ring
  4/16 NB card. We've had issues with the Duo, Dock, and Token Ring 4/16
  NB card when using NSI 1.2.1. The root cause was the System file being

corrupted while installing Token Ring drivers from NSI 1.2.1. There was also an issue of having older versions of third-party INITs installed as well.

- Install the Token Ring 4/16 NB card in the Dock slot which is farthest from the metal case, or the slot located more in the center of the Dock (there are two slots). The Token Ring 4/16 NB card is quite high with the IBM Token Ring chip set installed, and if the card is placed in the lower slot, the chip set touches the metal chassis thus potentially grounding out parts of it.

- Do not recommend installing other cards with the Token Ring 4/16 NB card. The slots are very tight and the Token Ring 4/16 NB card is very wide. We had trouble getting an Apple Ethernet NB card in the Dock with the Token Ring 4/16 NB card.

- The Token Ring adapter cable may have to be tightened to the card with a slight amount of plastic from the Dock. Basically, the slot openings are not wide enough to accommodate the larger Token Ring DB-9 connectors, and it may be necessary to tighten the connector over some plastic. It works OK, just be sure to tighten the connector to the card fully.

- Be sure you have a manual on the Dock showing how to get it open. It is not obvious and a bit tricky.

So the bottom line; Token Ring 4/16 NB cards in Duo Docks work fine, use the Token Ring drivers which come with System 7.1 disks, place the card in the most inside of the two slots, and tighten the cable fully.

Article Change History:
23 Aug 1993 - Updated for NSI 1.3.3.

Support Information Services

Copyright 1993, Apple Computer, Inc.

Tech Info Library Article Number:11659