Tech Info Library

A/ROSE: Description (3/95)

Revised: 3/22/95
Security: Everyone

A/ROSE: Description (3/95)

===

Article Created: 7 June 1993
Article Reviewed/Updated: 22 March 1995

TOPIC --

What's A/ROSE? The extension is on my computer. Do I need it?

DISCUSSION ---

A/ROSE stands for Apple Real-Time Operating System Environment. It's a system
extension that allows communication between the Macintosh main logic board and
Macintosh Coprocessor Platform (MCP) based NuBus cards which run the Apple
Real-Time Operating System. This means that specific Macintosh NuBus cards,
such as the Apple Token Ring cards and the Apple Ethernet NB card, have their
own 68000 chip on board.

A/ROSE runs as a driver under the standard Macintosh operating system. It
downloads, starts, stops, sets priorities, and communicates with real-time
processes that run on any A/ROSE compatible NuBus card.

The only reason to install this extension is to support an MCP-based card. If
it's on a PowerBook Duo, it could be that the Duo Dock has an Ethernet NB card
installed. When not docked, A/ROSE still loads, but the Duo doesn't use it.
Other cards that require A/ROSE include the two Apple Token Ring, the Serial NB,
and the Apple Coax/TwinAx NB cards. Note that SNA•ps is a software product
which may require A/ROSE in specific configurations. Macintosh computers with
built-in Ethernet don't need A/ROSE, and as far as we know, non-Apple Ethernet
cards don't use A/ROSE.

Article Change History:
22 Mar 1995 - Corrected wording of Duo Dock.

Support Information Services

..TIL12269-A-ROSE-Description_3-95.pdf

Tech Info Library Article Number:12269