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Quadra 900, 950: Installing NuBus Cards & Internal SCSI Devices

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TOPIC -----

The procedures for installing a NuBus card or an internal SCSI device in a Macintosh Quadra 900 or 950 differ from the procedures for other Macintosh computers. This articles provides Apple's recommended procedures for installing a NuBus card or internal SCSI device in a Macintosh Quadra 900 or 950.

DISCUSSION -----

Notes

- Before opening the case to service a Macintosh Quadra 900 or 950, ensure that you are grounded and are following proper ESD precautions.
- To avoid damage to your Macintosh Quadra 900 or 950, unplug the AC power cord when installing a NuBus card or internal SCSI device.

Apple designed and implemented a new feature of the IEEE NuBus 90 specifications in the Macintosh Quadra 900 or 950. A control voltage was applied to NuBus connector B25, which becomes available when the computer is turned off and the AC power cord is plugged in. This allows remote startup or bus master control with some applications.

- For all other Macintosh computers, keep the power cord plugged in during installation.

How To Install a NuBus Card in a Macintosh Quadra 900 or 950

- 1) Turn off your Macintosh Quadra and unplug the power cord.
- 2) Place the computer on a clean, non-abrasive surface.
- 3) Carefully turn the computer flat on its left side -- ensure that the side panel faces up.
- 4) Remove the side panel by:

- a) Removing the security screw at the rear.
 - b) Pressing in on the two latches at the rear corners and lifting the panel up and away.
- 5) Push out the plastic covering the NuBus expansion slot.
 - 6) Remove the NuBus card from its static-proof bag.
 - 7) Align the card over the expansion slot.
 - 8) Press down firmly on the card until the connector is seated.
 - 9) Replace and secure the side panel.
 - 10) Carefully return the computer to an upright position.

Remember to plug in your computer before you turn it on.

How To Install an Internal SCSI Device on Macintosh Quadra 900 or 950

Note

To avoid damage, termination must be removed from the internal SCSI device before installation because the internal SCSI bus and cable supply to proper termination.

- 1) Turn off your Macintosh Quadra and unplug the power cord.
- 2) Place the computer on a clean, non-abrasive surface.
- 3) Carefully turn the computer flat on its left side -- ensure that the side panel faces up.
- 4) Remove the side panel by:
 - a) Removing the security screw at the rear.
 - b) Pressing in on the two latches at the rear corners and lifting the panel up and away.
- 5) Remove the termination resistors from the SCSI device.
- 6) Install the SCSI device following the instructions in the Technical Procedures.
- 7) Replace and secure the side panel.
- 8) Carefully return the computer to an upright position.

Remember to plug in your computer before you turn it back on.

How To Connect an External SCSI Device to a Macintosh Quadra 900 or 950

The procedure for connecting an external SCSI device to a Macintosh Quadra 900 or 950 is the same as for all other Macintosh computers. See the Tech Info Library article "Macintosh: How To Connect an External SCSI Device" for instructions.

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