

HP Documentation

HP 9000 Model 350 & 370 Owner's Guide

System Shutdown

Perform an orderly shutdown of the operating system. Reference the Owner's Guide for detailed instructions. Disconnect the system power cable.

Remove the System Bus Connector

Remove the cover plates on the back of the system. If the system bus connector is present then unplug the connector.

Remove the HP 98258A Card (Parity Controller)

Remove the HP 98258A card from the computer in order to install the daughter card and set the 10 position switch (on the HP 98258A card). The HP 98258A card has one green and one gray ejector handle.

Remove the HP 98264A Card (ECC Controller)

If the HP 98264A card is installed then remove it from the computer in order to set the 10 position switch. The HP 98264A card has one blue and one yellow ejector handle.

2 Position Switch (on the ND 330 daughter card)

The 2 position switch is used to specify the amount of memory on the card. The valid settings for this switch are as follows:

#1	#2	Configuration
ON	OFF	4 Megabytes
OFF	ON	12 Megabytes

The memory is shipped with this switch set to specify the amount of memory installed on the card. The setting of this switch would be modified only if you subsequently increase the amount of memory on the memory daughter card.

Switch Settings

The switch settings for the 10 position switch on the HP 98258A parity ram controller card with 4 megabytes, the 10 position switch on the HP 98264A ECC ram controller with 4 megabytes, and the 2 position switch on the ND memory daughter card. The valid settings for this switch are as follows: (ON corresponds to the rocker depressed towards the "open side")

#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Total	Configuration
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	4 MB	98258A (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	8 MB	98258A (w/ 4MB) ND memory (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	16 MB	98258A (w/ 4MB) ND memory (w/ 12MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	20 MB	98258A (w/ 4MB) ND memory (w/ 12MB) 2nd RAM ctrlr (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	24 MB	98258A (w/ 4MB) ND memory (w/ 12MB) 2nd RAM ctrlr (w/ 4MB) daughter mem (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	32 MB	98258A (w/ 4MB) ND memory (w/ 12MB) 2nd RAM ctrlr (w/ 4MB) daughter mem (w/ 12MB)

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Metal Standoffs

The memory card is shipped with two metal standoffs that are used to secure the memory card to the HP 98258A 4MB RAM Controller card. The screws and lockwashers in the metal standoffs on the front of the memory card must be removed before installing the memory card.

Install Memory

Plug the memory card into the connector on the HP 98258A card. Be careful to align the connectors so that they mate successfully. If you align the connectors correctly, the standoffs will match up with the screw holes on the HP 98258A card. Secure the memory card to the CPU card by screwing the screws and lockwashers from the back of the CPU card into the standoffs on the memory card. The lockwashers are positioned on the back of the CPU card next to the head of the screws.

Replace the HP 98258A Card

Slide the HP 98258A card with the attached memory daughter card back into the chassis.

Replace the HP 98264A Card

If any HP 98264A cards are present then slide the cards back into the chassis. Connect any cables that were removed from the CPU I/O connectors.

Replace the System Bus Connector

Replace the system bus connector. Replace the metal plates on the back of the system. Connect any cables that were removed from the CPU I/O connectors.

Verify the New System Memory

Power up the system. Verify that the total system memory is correct. Call Newport Digital if you have any questions..