

HP Documentation

HP 9000 Model 330 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 HP 98258A Card

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 330 CPU Card

Remove the HP 330 CPU (HP 98562-66512) in order to set the 10 position switch. This switch determines the starting address of the 4MB's located on the HP 330 CPU.

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 CPU card with 4 megabytes, the 10 position switch on the HP 98258A 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:

#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Total	Configuration
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	4 MB	330 CPU (w/ 4MB)
OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	8 MB	330 CPU (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		98258A (w/ 4MB)
ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	12 MB	330 CPU (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		98258A (w/ 4MB)
ON	OFF										ND memory (w/ 4MB)
ON	ON	OFF	ON	ON	ON	ON	ON	ON	ON	20 MB	330 CPU (w/ 4MB)
ON	ON	ON	ON	ON	ON	ON	ON	ON	ON		98258A (w/ 4MB)
OFF	ON										ND memory (w/ 12MB)

ON corresponds to the rocker depressed towards the "open side" ("1"-side) of the switch

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.

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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 CPU Card

Slide the CPU card back into the chassis. 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..