

HP Documentation

HP 9000 Model 400dl, 400t, 425t Owner's Guide
HP 9000 Model 400s, 425s, 433s 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 CPU Card

Remove the cables from the RS-232, speaker, keyboard (HIL), LAN and the HP-IB connectors on the back of the CPU card. These connectors are clearly marked on the metal connector plate at the back of the computer. Remove the screws on the metal connector plate on the back of the system and slide the HP CPU card from the chassis.

Models 400dl, 400t, 425t

Remove the two torx screws holding the top cover to the back panel. Slide the back of the top cover up, then pull its two front tabs out of their slots at the front. Remove the top cover.

Models 400s, 425s, 433s

Remove the five screws that hold the system bulkhead in place. Pull out the lever near the center of the system bulkhead. This will pull the card free of the internal connector. Pull the system card from the back of the system unit.

Memory Connectors

Locate the eight 72-pin connectors "RAM0" through "RAM7" which are marked in white on the top and bottom of the CPU card. HP memory cards should already be installed in 'RAM0' and 'RAM1' connectors. If you have a Model 400dl, you will only have four 72-pin connectors 'RAM0' through 'RAM3'.

Arrange the Memory Sets by Size

Remove the memory cards currently installed on the HP CPU card. Arrange the memory sets according to size from largest down to the smallest (e.g. 32MBs, then 16MBs, then 8MBs, then 4MBs).

Install Memory

Plug the largest memory card set into connectors 'RAM 0' and 'RAM 1'. Plug the second largest memory card set into connectors 'RAM 2' and 'RAM 3'. Plug the third largest memory card set into connectors 'RAM 4' and 'RAM 5'. Plug the fourth largest memory card set into connectors 'RAM 6' and 'RAM 7'. The memory connectors are keyed such that it is impossible to insert the memory card in an improper orientation.

Replace the CPU Card

Slide the CPU card back into the chassis or cover the computer. Tighten the appropriate screws. 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..

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