

HP Documentation

HP 9000 Series 700 Models 705 & 710 Owner's Guide
HP 9000 Series 700 Models 705 & 710 Service Handbook (A1991-90002)

System Shutdown

Perform an orderly shutdown of the HP-UX operating system. Reference the Owner's Guide for detailed instructions. If the system is connected to an UPS, put the UPS output switch in the OFF (0) position. Disconnect the system power cable and the power cord of any peripheral devices from the ac wall outlets or UPS. Disconnect the I/O cables from the back of the system.

Open the Unit

Remove the two #2 Pozidriv 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. Lift the support brace up and out of the computer..

Install Memory Cards

Attach the ESD Wrist Strap using the instructions on the 3M package. The CPU card has eight memory connector slots. The memory connectors are organized into two sets of four. The slots are labeled J17 & J19, J13 & J15, J16 & J18, and J12 & J14. Note that J12 & J14 are the two connectors closest to the back of the machine. If the machine already has memory installed, the cards will occupy slots J12, J13, J14, & J15.

The memory cards must be installed in sets of four. If you install a card in J16, you must also install a card in slots J17, J18, & J19.

The memory pairs must be installed with the largest size set in J12, J13, J14, & J15. The smaller set must be installed in J16, J17, J18, & J19. If you are installing a memory pair that is larger than the pair or pairs currently in your system, you must remove the memory cards currently in the computer. Remove the cards closest to the front of the computer first. To remove a SIMM, push the two slot clips out and then tilt its top towards the left side of the system. Lift the SIMM up and out of the connector.

To install a SIMM, face the front side of the system and position the SIMM so that the notched corner is on the right side of the system. Then tilt the top edge towards the front of the system at about a 45 degree angle to the CPU card. Insert the SIMM into the slot. Press firmly on the SIMM to ensure that it is fully seated, but do not force the SIMM into the connector. It should mate easily. When the SIMM is seated, rotate it into a vertical (upright) position. The retaining clips on the CPU card will snap into place and should hold the SIMM firmly.

Verify SIMMs are Seated Correctly

After all the SIMMs have been installed, check to ensure that they are seated evenly and that all the SIMMs are the same height. An incorrectly seated SIMM may stick out above the other.

System Reassembly

Close the system unit. Reconnect the power cords and the I/O cables.

Verify the New System Memory

Power up the peripherals first, then power up the system. The system memory is automatically configured to the system by the software. If there is a problem with the installed memory, then the boot process could be halted. The system displays the amount of memory installed before it boots up HP-UX.

If the system has errors or the memory size is not the expected value then the possible error sources are the SIMMs are not seated properly, the SIMMs are not paired, or an incorrect value matching of paired SIMMs. Repeat the installation procedure but take special care to seat the SIMMs properly and in the correct pair sizes and sequence.

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