

HP Documentation

HP 9000 Model 745i and 747i Owner's Guide for HP-UX Users (A2628-90014)
Appendix A: Installing Additional Memory

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

Loosen the captive screws at each end of the CPU's VME plate. Pull both ejector levers out until the board ejects from the card cage. Slide the CPU out of the system and place it on a static dissipating mat.

Install Memory Cards

Attach the ESD Wrist Strap using the instructions on the 3M package. The CPU card has four memory connector slots. The slots are labeled "0A", "0B", "1A" and "1B". The memory cards must be installed in sets of two. If you install a card in slot 0A, you must install a card in slot 0B. The slots should be loaded starting with pair 1. Memory sets can be installed in any order but they must be installed as pairs where each card in the pair is the same size.

To install a SIMM, face the front side of the system and position the SIMM so that the notched corner is at the front of the system. 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 45 degree position. The retaining clips on the CPU card will snap into place and should hold the SIMM firmly.

To remove a SIMM, push the two slot clips out and then tilt its top towards the right side of the system. Lift the SIMM up and out of the connector.

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.

Newport Digital

14731 Franklin Ave, Tustin, CA 92780

714 730-3644 (Fax) 714 730-3951