

HP Documentation

HP 9000 Model 712 Owner's Guide (A2615-90616)

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.

Open the Unit

Release the two locking tabs at the rear of the system unit by moving each toward the outside of the system unit, then push them forward until the top cover is released. Carefully slide the cover forward an inch or two and then carefully lift it off to open the system unit. Set the cover to one side.

Install Memory Cards

Attach the ESD Wrist Strap using the instructions on the 3M package. The 712/60 and 712/80 CPU cards have four memory connector slots. The slots are labeled "slot 0", "slot 1", "slot 2", and "slot 3". The 712/100 CPU card has six memory connector slots. The slots are labeled "slot 0", "slot 1", "slot 2", "slot 3", "slot 4", and "slot 5". The memory cards must be installed in sets of two. If you install a card in slot 0, you must install a card in slot 1. Similarly, slot 2 and slot 3 must be paired, and slot 4 and slot 5 must be paired. The slots should be loaded starting with slot 0, then slot 1, then slot 2, and up to slot 5. Note slots 4 and 5 are only present on the 712/100. 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 on the left side. Then tilt the top edge towards the back 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.

To remove a SIMM, push the two slot clips out and then tilt its top towards the back 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

Place the cover assembly on the system unit approximately one inch from the rear. Push down on the center rear edge of the cover and slide it towards the rear of the system unit until the locking tabs engage. Reconnect the power cords.

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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