

HP 3000 Computer Systems

**SERIES 64/68 COMPUTER
MEMORY ADD-ON**

Installation Manual



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The List of Effective Pages gives the date of the current edition, and lists the dates of all pages of that edition and all updates. Within the manual, any page changed since the last edition is indicated by printing the date the changes were made on the bottom of the page. Changes are marked with a vertical bar in the margin. If an update is incorporated when an edition is reprinted, these bars and dates remain. No information is incorporated into a reprinting unless it appears as a prior update.

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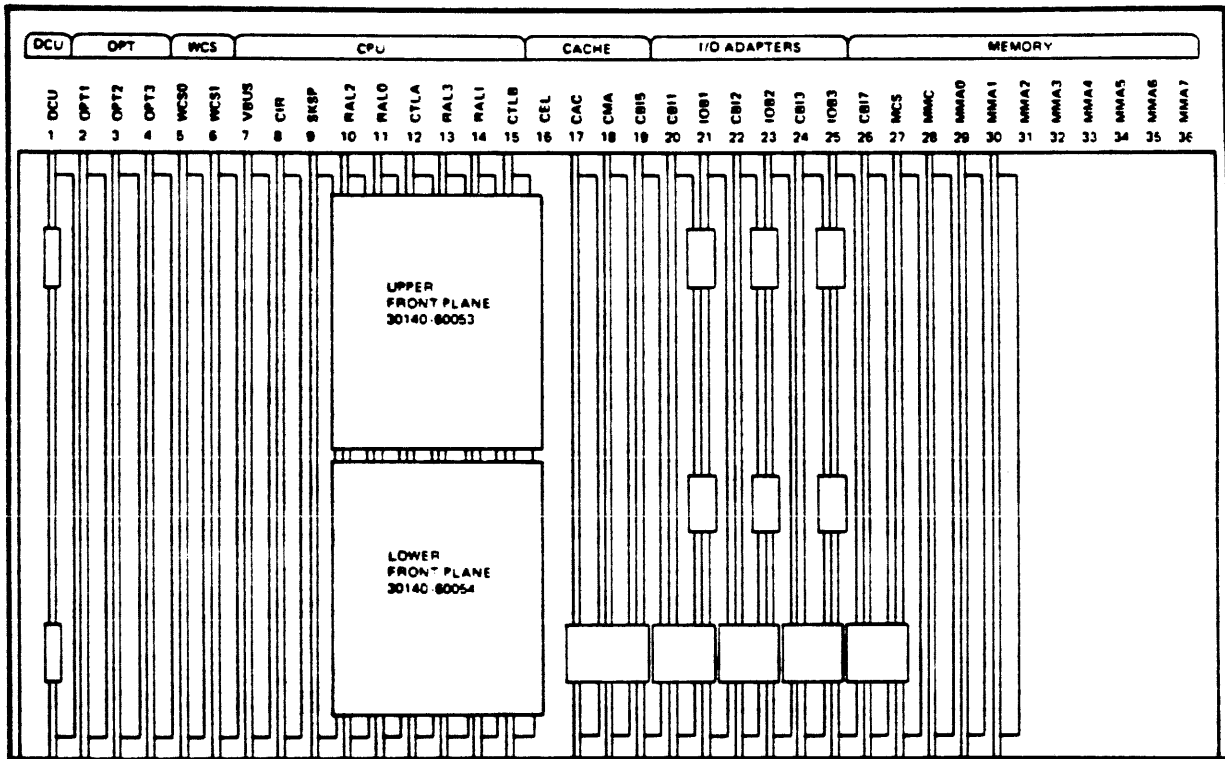
This manual describes how to add Main Memory Array (MMA) PCAs (P/N 30140-60014) to an HP Series 64/68 Computer. The procedure is as follows:

- a. Perform a system back-up.
- b. Perform an MPE shutdown.
- c. Turn off main power to the computer.

CAUTION

During the next step be sure to wear a grounding strap and follow standard ESD precautions when handling PCAs.

- d. See Figure 1. The MMA PCAs are assigned to the last eight slots at the right end of the CPU Bay card cage. Assuming the computer originally had the standard configuration, only slots MMA 0 and MMA1 will be occupied. If more than the standard number of MMA PCAs were originally installed, the third, fourth, etc., PCAs will occupy slots MMA2 MMA3, etc. In either case, the MMA PCAs being added must be placed in the slots immediately to the right of the PCAs already installed. Do not skip any slots! Push the new MMA PCAs far enough into their respective card cage slots until you can feel them enter and seat into the backplane connectors.
- e. Turn power on.
- f. Run the Off-Line memory diagnostic.
- g. Coolstart or cold load the computer from the back-up media and reconfigure for the added memory.
- h. Perform a sysdump to create new back-up media with the new memory configuration on it.



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Figure 1. CPU Bay Card Cage, Rear View