

# HP 9000 Memory

Models 744/132L, 744/165L, 745/132L, 748/132L, 748/165L

## General Description

Newport Digital's memory for the HP 744/132L & HP 744/165L single-board computer (SBC), HP 745/132L and HP 748/132L & HP 748/165L industrial computers consist of a single ECC memory board. The memory cards are installed as singles. A memory card is added to the system by stacking it on top of the last memory card installed. The maximum stack size is 4 cards. A memory card can be configured with 64MB or 128MB of 60 nanosecond DRAMs.

## System Compatibility

The memory is fully compatible with the HP 9000 Models 744i/132L, 744rt/132L, 744i/165L, 744rt/165L, 745/132L, 748/132L & 748/165L VME systems.

## Maximum System Memory

The maximum system memory is 512 MB.

## Installation Procedure

The installation procedure is quick and easy. Power the system down. Remove the CPU card from the system. Add the memory card to the top of the memory stack. Slide the CPU card back into the system. Power the system up. Verify that the system has the expected RAM size. If you are installing a 128MB card and there are cards of lesser capacities, remove the lesser capacity cards before installing the 128MB cards. The 128MB cards must be installed first.

## Power Requirements

64 Megabytes	1.00 Amps Max (Active Bank)	0.07 Amps Max (Inactive Bank)
128 Megabytes	1.45 Amps Max (Active Bank)	0.07 Amps Max (Inactive Bank)

## Cycle and Access Times

The memory cycle and access times are identical to those of the HP A4503A and HP A4449A memory cards.

## Operating Limits

Operating Temperature:	0-70 degrees Centigrade
Operating Humidity:	0-95 percent with no condensation

## HP Documentation

- HP 9000 Model 744 Owner's Guide (A4511-90602)
- HP 9000 Model 744 Service Handbook (A4511-90603)
- HP 9000 Model 744 Memory Kit Installation (A4500-90613)
- HP 9000 Model 745/132L Technical Reference Manual for OEMs (A4964-90603)
- HP 9000 Model 748 Workstation Owner's Guide (A4511-90604)

## Product Warranty

The memory has an unconditional lifetime warranty.

## Ordering Information

<u>Product Description</u>	<u>HP Equivalent</u>	<u>Newport Digital Part Number</u>
HP 744/745/748 (132L & 165L) Memory – 64MB	A4503A	11-25-0064
HP 744/745/748 (132L & 165L) Memory – 128MB	A4449A	11-25-0128

**Newport Digital**

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