

# HP 9000 Memory

Models 743i/64, 743i/100, 743rt, 748i/64, and 748i/100

## General Description

Newport Digital's memory for the HP 743i/64, 743i/100 & HP 743rt/64 single-board computers (SBC), HP 748/64 and HP 748/100 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 on the right side connector or as a single on the left side connector. The maximum stack size on the right side connector is three cards. A memory card can be configured with 32MB or 64MB of 60 nanosecond DRAMs.

## System Compatibility

The memory is fully compatible with the HP 9000 Models 743i/64, 743rt/64, 743i/100, 748/64, and 748/100 VME systems.

## Maximum System Memory

The maximum system memory is 256 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 right side memory stack (maximum of three cards in the stack). If three cards are already on the right side memory stack then install the memory card on the left side stack. Slide the CPU card back into the system. Power the system up. Verify that the system has the expected RAM size.

## Power Requirements

32 Megabytes	1.00 Amps Max (Active Bank)	0.07 Amps Max (Inactive Bank)
64 Megabytes	1.20 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 A4265A and HP A4266A memory cards.

## Operating Limits

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

## HP Documentation

- HP 9000 Model 743i and 743rt Owner's Guide (A2636-90014)
- HP 9000 Model 743 Memory Kit Installation (A2636-90602)
- HP 9000 Model 743i and 743rt VMEbus Board Computers Installation Guide (A2636-90010)
- HP 9000 Model 748i Ruggedized Workstations Installation Guide (A4310-90010)
- HP 9000 Model 748i/64 and 748i/100 Ruggedized Workstations Service Manual (A4310-90030)
- HP 9000 Model 748i Owner's Guide for HP-UX Users (A4310-90014)
- 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 743/748 (64 & 100) Memory – 32MB	A4265A	11-22-0032
HP 743/748 (64 & 100) Memory – 64MB	A4266A	11-22-0064

**Newport Digital**