

General Description

Newport Digital's memory for the HP V-Class systems consists of eight 200-pin ECC memory cards. Each card provides 80 data bits (64 data plus 16 error correcting code bits). The sets are configured with 1 gigabyte of synchronous dynamic rams (64 Mbit Sdrams). The V-Class systems can be configured with 1, 2, or 4 memory carrier pairs, and each carrier pair can be configured with 1, 2, 3, or 4 sets of ECC memory cards. If only one memory carrier pair is installed, then 8-way memory interleaving is used. If two memory carrier pairs are installed, then 16-way memory interleaving is used. If 4 memory carrier pairs are installed, then 32-way memory interleaving is used.

System Compatibility

The memory is fully compatible with the HP 9000 V-Class Enterprise Servers: V2200, V2250, and V2500.

Maximum System Memory

The maximum system memory for the V2200 & V2250 is 16 GB. The maximum system memory for the V2500 is 32 GB.

Installation Procedure

The installation procedure is quick and easy. Power the system down. Remove the memory carriers (EMBs) from the system. Add the memory cards (EPMBs) to the memory carriers (EMBs) using the appropriate guidelines. Slide the memory carriers (EMBs) back into the system. Power the system up. Verify that the system has the expected RAM size.

Power Requirements

1 Gigabyte	same as HP A3732A and A5199A
2 Gigabyte	same as HP A5082A and A5085A

Cycle and Access Times

The memory cycle and access times for the 11-24-000x cards are identical to those of the HP A3732A and A5199A memory cards.

Operating Limits

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

HP Documentation

- HP 9000 V Server Installation Guide (A3725-90003)
- HP 9000 V Server Architecture (A3725-90004)
- HP 9000 V Server Operator Guide (A3725-90005)
- HP 9000 V-Class Maintenance Manual (A3725-90006)
- HP 9000 V-Class Memory Upgrade Guide
- HP Diagnostics Guide: S-Class, X-Class, and V-Class Servers (A3725-96009)

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 V22xx Memory – 1GB	A3732A, A5199A	11-24-0001
HP V2500 Memory – 2GB	A5082A, A5085A	11-24-0002

Newport Digital