

## 1.3 Memory (RAM)

The Model 715/75 and 725/75 offer maximum memory capacity of 256MB. The memory subsystem is designed to achieve data transfer rates (160MB/sec peak) that match the high CPU performance of these systems. Two-way memory interleaving results in a balanced system architecture providing high application throughput. Consistent with HP's operational philosophy of "maximum reliability," ECC single-bit error correction and multiple-bit error correction logic are used. Industry-standard, low-cost DRAM SIMMS are used in both the Model 715/75 and the 725/75.

### 1.3.1 Memory Increments

Memory increments of 32, 64, 128, and 256MB are offered either factory integrated or as add-ons. The memory occupies 4 pairs of dedicated slots. Be sure to help your customers plan for future memory needs so that they can grow to the maximum memory capacity without having to exchange existing SIMMS. For example, a customer with four 32MB SIMMS would not be able to expand to 256MB without exchanging SIMMS.

### 1.3.2 32MB Memory Configuration Support and Constraints

The Model 715/75 and Model 725/75 support a minimum of 32MB of memory. This configuration is suitable for most 2D and some 3D application support. This configuration can be suitable for environments where applications run locally with either no requirement for a high-speed graphical user interface such as a CRX-24Z, or with a user interface that can run remotely.

We believe that approximately 40% of Model 715/75 and 725/75 users will run a 32MB configuration. It is important to note that a majority of 3D, cache-intensive applications will require at least 64MB of total memory for optimum performance.

## 1.4 Graphics

The Model 715/75 and 725/75 deliver excellent graphics performance. Customers upgrading from Model 715/33, 715/50, or 725/50 workstations will experience a significant boost in graphics just by swapping CPU boards to obtain the new 75 MHz systems.

The Model 715/75 and 725/75 graphics hardware is the same integrated grayscale and 8-plane color implementation used in the Model 715 /50 and 725/50. Standard graphics support is available in either 19-inch grayscale or a choice of 8-plane color monitors. The X11 performance of these workstations is 15,975. Their 2D/3D vectors per second performance is 1,100,000 using a standard 8-plane color monitor. All advanced CRX graphics options are also available. The following tables summarizes the Model 715/75 and 725/75 graphics specifications.