

1.1 Processor Performance

The Model 715/75 and 725/75 deliver impressive CPU performance by combining a 75 MHz PA-RISC integer processor with a 75 MHz floating-point processor. These processors, coupled with 256KB instruction and 256KB data caches, as well as a low-latency memory interface, provide the user with leading-edge application performance. These new systems not only deliver great performance and price/performance, they also offer additional functionality including CRX graphics and multimedia capabilities.

The Model 715/75 and 725/75 are designed to meet the needs of workstation users for ECAD, MCAD, Electronic Design Automation (EDA), Architecture and Engineering Construction (AEC), Geographic Information Systems (GIS), and Scientific applications. In addition, emerging markets such as Oil & Gas, Customer Services, and Financial Services are good targets for these workstations. See Section 3.0 for additional market information.

1.2 Packaging

The Model 715/75 and 725/75 make use of existing Model 715 and 725 packaging, enabling customers to add substantially higher performance through a simple CPU board swap. Existing memory, graphics, peripherals, and software can continue to be used with the 75 MHz systems.

1.2.1 Model 715/75 Packaging

The Model 715/75 is offered in the small, quiet Model 715 desktop package ideally suited for an office environment. The package measures 4.3 inches high, 18.5 inches wide, and 15.7 inches deep. This compact size is made possible by integrating the CPU, FPU, 8-plane graphics and standard I/O all on a single board. The package design gives the user the choice of placing the system on the desktop or on the floor in the deskside position using an optional pedestal.

Though compact, the small package can support up to three mass storage devices, that is, two hard drives and one removable drive (floppy, CD-ROM, or DDS tape). One slot is available for removable devices. For example, two 1GB disk drives and one 2GB DDS tape drive can all be configured within the system package. In addition, the Model 715/75 can accommodate 32-256MB of memory. One EISA slot is available for optional expansion (such as CRX graphics).

The Model 715/75 provides easy installation, upgradability, expansion and service. The package opens like a book so that all components are easy to access. These workstations are as easy to configure as stereo components, featuring plug-in memory modules, processor upgrade boards, disks, and removable media devices.

1.2.2 Model 725/75 Packaging

For users requiring more expansion, the Model 725/75 provides up to 4 EISA slots in a quiet desktop package well-suited to office environments. Storage can grow to 239.8GB through use of external storage arrays and EISA slots. The Model 725/75 package measures a compact 6.6 inches high, 17.3 inches wide, and 16.1 inches deep. If the user prefers a deskside system, an optional pedestal can be added to the system for convenient floor placement.