The Model 715/75 and Model 725/75

Introduction

The new Model 715/75 and 725/75 extend the HP Apollo Series 700 workstation family with higher-performance processors at the mid-range. This unit discusses these latest additions. After completing this unit, you will be able to **identify the unique characteristics and key benefits of the Model 715/75 and Model 725/75.** This unit contains Model 715/75 and Model 725/75 key information and reference tables on:

1. Product overview
2. Competitive positioning
3. Target Markets

1.0 Family Position and Product Overview

The HP Apollo Series 700 family continues to provide a complete range of industry-leading RISC workstations at every price point. This successful family is now complemented by two new products.

The Model 715/75 and 725/75 offer higher performance CPUs in low-cost Model 715 and Model 725 packaging. The Model 715/75 and 725/75 open doors to go head-on against Sun, DEC, SGI, and IBM in every selling situation where higher performance in a midrange desktop workstation is critical.

Both new models use a 75 MHz implementation of the PA 7100 PA-RISC chip. The performance gain for customers in moving from a 50 to a 75 MHz system is substantial and is additionally boosted through a higher (256KB) instruction and data cache. Depending on the applications used, customers will typically experience performance increases of up to 50 percent. While the Model 715/75 and 725/75 provide identical performance, they differ in the amount of EISA and storage expandability offered.

The following table shows the position of the Model 715/75 and 725/75 in the Series 700 family.

Series 700 Workstation Models							
Benchmark	715/33	715/50	725/50	**715/75**	**725/75**	735	755
SPECmark89	46	69	69	**110**	**110**	147	147
MIPS	41	62	62	**86**	**86**	124	124
MFLOPS (DP)	8.9	13	13	**31**	**31**	41	41
SPECint 92	24	37	37	**61**	**61**	81	81
SPECfp 92	45	72	72	**113**	**113**	150	150

Investment Protection. With these new models, HP continues to provide unparalleled investment protection in the Series 700 product line. Customers who have invested in Models 715/33, 715/50 or 725/50 can upgrade to the to the new 75 MHz systems through a simple CPU board swap. They'll benefit from an immediate increase in application performance while protecting their investment in memory, graphics, peripherals, and software.