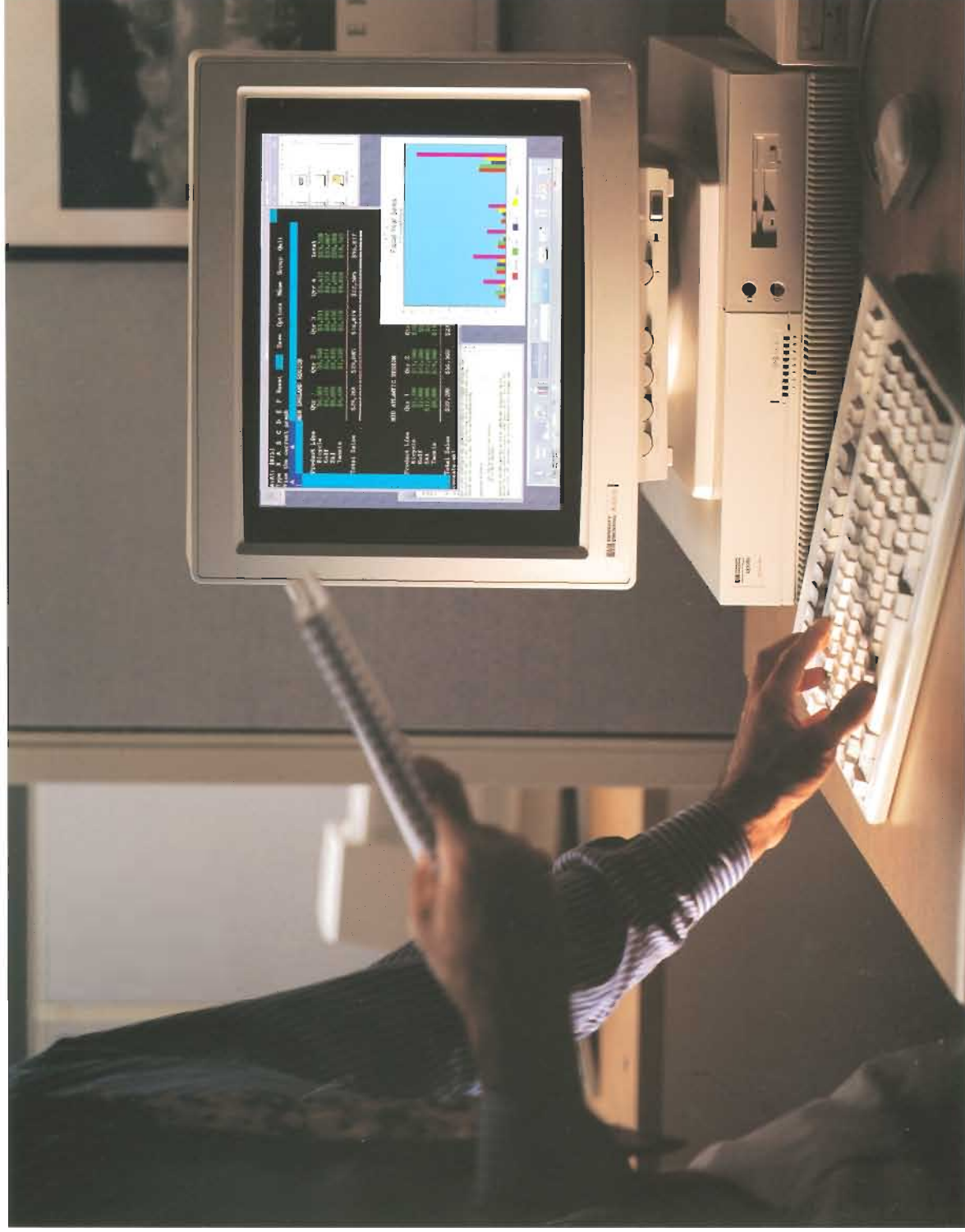


HP Apollo Series 700

Models 715/33 and 715/50 Workstations



Series 700 Models 715/33 and 715/50 Workstations

The HP Apollo Models 715/33 and 715/50 are the highest performing entry-level desktop workstations in the industry. These systems deliver 45 and 69 SPECmarks(89), setting new industry price/performance standards. Their graphics capabilities are derived from the industry's leadership price/performance Series 700 GRX and CRX graphics. They deliver 7,633 and 11,187 X11 perf and 610,000 and 920,000 2D/3D vectors/second performance, respectively.

Features	715/33	715/50	Benefits
CPU (PA-RISC 7100 Processor)			
Clock frequency	33MHz	50MHz	
Performance			
SPECmark89	46	69	<ul style="list-style-type: none"> • Industry leadership price/performance • Industry's fastest entry-level workstation
SPECint92	24	36	
SPECfp92	45	72	
MFLOPS(DP)	8.6	13	
Graphics			
Grayscale 19" 1280 x 1024, 72Hz monitor			
X11 perf	7,833	11,187	<ul style="list-style-type: none"> • Superb image detail • Leadership windowing and vector performance • 256 shades for increased comprehension
8-plane grayscale			
Color 17", 1024 x 768, 75Hz monitor and 19" 1280 x 1024, 72Hz monitor			
X11 perf	7,833	11,187	<ul style="list-style-type: none"> • Superb image detail • Leadership windowing and vector performance
X11 vectors/second	570,000	860,000	
2D/3D vectors/second	610,000	920,000	<ul style="list-style-type: none"> • Ideal for design, engineering, and scientific applications
Triangles/quads per second	12,000/10,000	18,000/11,000	
8-plane color			
CRX-24 (24-plane, 2D/3D solids and visualization; 19" 1280x1024, 72Hz monitor)			
X11 perf	7,424	10,648	<ul style="list-style-type: none"> • Superb image detail • Leadership windowing and vector performance
X11 vectors/second	555,000	605,000	
2D/3D vectors/second	610,000	680,000	<ul style="list-style-type: none"> • Allows smooth movement of dynamic image • 16.7 million simultaneous colors
Triangles/quads per second	12,000/8,000	18,000/12,000	
12/12-plane double buffering			
CRX-24Z (24-plane, Z-buffered, 2D/3D solids and visualization; 19" 1280x1024, 72Hz monitor)			
X11 perf	7,424	10,648	<ul style="list-style-type: none"> • Superb image detail • Leadership windowing and vector performance
X11 vectors/second	555,000	605,000	
2D/3D vectors per second	610,000	680,000	<ul style="list-style-type: none"> • High-performance rendering
Triangles/quads per second	100,000/45,000	140,000/65,000	
24-plane hardware Z buffer			
CRX-48Z (24-plane accelerated, double-buffered color 19" 1280x1024, 72Hz monitor)			
X11 perf	N/A	9,891	<ul style="list-style-type: none"> • Superb image detail • Leadership windowing and vector performance
X11 vectors/second	N/A	803,000	
3D anti-aliased vectors per second	N/A	1 million	<ul style="list-style-type: none"> • High-performance rendering allows manipulation of the largest models • Real-time rendering of large 3D models • 16 million simultaneously displayable colors • High-performance hidden line and surface removal • Allows smooth movement of dynamic images
Triangles/quads per second	N/A	600,000/80,000	
24-plane color and 8 overlay planes			
24-plane hardware Z buffer			
24/24-plane double buffering			
Graphics Software			
X11/R5, PEX, PHIGS, Starbase, GKS, PowerShade			<ul style="list-style-type: none"> • Speed and realism through standards enhance the capabilities of all applications
Memory and Cache			
Memory capacity	8-192MB	16-256MB	<ul style="list-style-type: none"> • Improves application performance
Instruction/data cache	64KB	64KB	
Mass Storage			
Internal/total capacity	2/68.6GB	2/68.6GB	<ul style="list-style-type: none"> • A wide range of mass storage options
Removable Media			
Internal options	600MB CD-ROM, 1.44MB Floppy, 2.0GB DDS tape, 4-8GB DDS tape		<ul style="list-style-type: none"> • A wide range of removable media options
User-friendly Features			
HP VUE, OSF/Motif, X11 Window System			<ul style="list-style-type: none"> • Ease of use through standards • Provides immediate productivity through a pre-installed and preconfigured HP-UX environment
Instant Ignition			
Standard Interfaces			
Integrated I/O Subsystem			<ul style="list-style-type: none"> • Allows quick and easy integration in heterogeneous networks with simple connection of high-speed, low-cost disks and other peripherals • Multimedia capability
IEEE 802.3, EISA, single-ended SCSI-II, RS-232(2), Centronics, HP-HIL			
Audio I/O ports			
Cooperative Computing Products			
NCS, Passwd Etc., Task Broker, NetLS, OmniBack			<ul style="list-style-type: none"> • Supports distributed applications, provides access to all available power on the network, allows licensing of applications based on actual usage, allows easy network administration



For more information call 1-800-637-7740. In Canada, call 1-800-387-3867.