Model 755

SPU Performance

Clock Speed	99 MHz
MIPS Integer	124
SPECmarks	147
SPECint 92	80
SPECfp 92	150
MFLOPS Floating Point	40

Memory/Cache

RAM	64-768MB
Instruction Cache	256KB
Data Cache	256KB

Mass Storage

Disk Capacity (SCSI-II)	
Internal	2-4GB
Maximum	297.5GB
CD ROM	600MB
4mmDDS tape	2-8GB
3.5" Floppy	1.44MB

Graphics Options

CRX
CRX-24
CRX-24Z
CRX-48Z
Multimonitor support

Monitors

19" color

HP 700/RX Family of RISC-based XStations

19Ca

Performance	93K Xstones
Monitor	19" color
Resolution	1280 x 1024
Base Memory	4MB

19Ga

Performance	93K Xstones
Monitor	19" grayscale
Resolution	1280 x 1024
Base Memory	4MB

19Mi

Performance	90K Xstones
Monitor	19" monochrome
Resolution	1280 x 1024
Base Memory	4MB

Xi

Performance	52K Xstones
Monitor	16" color
Resolution	1024 x 768
Base Memory	4MB

16Ca

Performance	93K Xstones
Monitor	16" color
Resolution	1024 x 768
Base Memory	4MB

14Ci

Performance	52K Xstones
Monitor	14" color
Resolution	1024 x 768
Base Memory	4MB

Graphics

Integrated Grayscale and Color*
11,187 X11 perf; 860,000 X11 vectors/second

GRX
19,115 X11 perf; 971,000 X11 vectors/second; 1.16 million 2D/3D vectors/second; 8-plane grayscale

CRX
1.16 million 2D/3D vectors/second; 8-plane color, 8/8-plane double buffering

CRX-24
680,000 2D/3D vectors/second; 24-plane color + 8 overlay planes; 12/12-plane double buffering

CRX-24Z
680,000 2D/3D vectors/second; 150,000 anti-aliased 3D vectors/second; 175,000 triangles/sec; 24-plane color + 8 overlay planes; 24-bit hardware Z buffer; 12/12-plane double buffering

CRX-48Z
2.0 million 2D/3D vectors/second; 1.2 million anti-aliased vectors/second; 600,000 triangles/second; 24 plane color; 24-bit Z buffer + 4 overlay planes

Multimonitor Support
Support of two 19", 1280 x 1024, 8-plane color monitors for increased screen space

Graphics Software
X11R5, X11/PHIGS, X11/Starbase, X11/GKS, PEXlib, PowerShade with Wavefront's Personal Visualizer

Interfaces
EISA Bus
Integrated I/O subsystem
IEEE 802.3, Fast/wide SCSI-II, RS-232-C(2), Centronics, HP-HIL
Optional
FDDI, X.25, IEEE 802.5 token ring,
HP-IB, Fast Differential SCSI, SNA, ISDN

Distributed Computing Products
Network Computing System, Passwd Etc, Distributed Computing Environment (DCE), Task Broker, Omniback, NetLS, OpenView Network Node Manager

User-Friendly Features
HP VUE, OSF/Motif, X11 Window System, Instant Ignition: preloaded, preconfigured operating system

* Performance numbers for Integrated Grayscale and Color are for Models 715/50 and 725/50. All other graphics performance numbers are for Models 735 and 755.

For more information, call 1-800-637-7740. In Canada, call 1-800-387-3867. Or contact your local HP sales office or authorized HP reseller.

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Feel the Power.

Series 700
Workstations
from Hewlett-
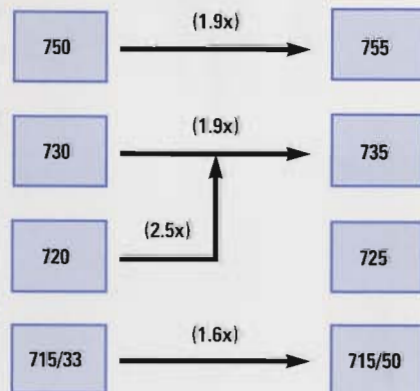Packard

HP Apollo Series 700 – The Next Generation

The second-generation HP Apollo Series 700 family of workstations is based on the PA-RISC 7100 superscalar architecture – the fastest RISC chip in the industry. Five workstation models ranging from 46 to 147 SPECmarks offer the highest performance in their categories at a lower price than of the competition. In addition, HP offers the best 3D graphics performance at every price point.

What this means is better performance for your applications, faster response time, and greater overall productivity.

This winning performance of the new Series 700 is also available to users of our first generation of Series 700 workstations, Models 720, 730, and 750. With HP-UX 9.0, these models can achieve up to a 15% performance increase. In addition, with attractively priced and easy-to-install upgrades, users can take advantage of the next leap in performance easily.

Investment Protection

The Series 700 family of workstations offers outstanding investment protection via simple board upgrades.

```
                (1.9x)
 [750]  ------------->  [755]

                (1.9x)
 [730]  ------------->  [735]
                          ^
                (2.5x)    |
 [720]  -------------------

                (1.6x)
 [715/33] --------------> [715/50]
```

Take a look at this pocket guide and see the power that's available to you for your applications.

	Model 715/33	Model 715/50
SPU Performance		
Clock Speed	33MHz	50Mhz
MIPS Integer	41	62
SPECmarks	46	69
SPECint92	24	36
SPECfp92	45	72
MFLOPS Floating Point	8.6	13
Memory and Cache		
RAM (ECC SIMMs)	8-192MB	16-256MB
Instruction Cache	64KB	64KB
Data Cache	64KB	64KB
Mass Storage		
Disk Capacity		
Internal	2GB	2GB
Maximum	68.6GB	68.6GB
ROM	600MB	600MB
DDS Tape	2-8GB	2-8GB
3.5" Floppy	1.44MB	1.44MB
Graphics Hardware	Integrated grayscale & color	Integrated grayscale & color
	CRX-24	CRX-24
	CRX-24Z	CRX-24Z
		CRX-48Z
	Multimonitor Support	Multimonitor Support
Monitors	19" grayscale	19" grayscale
	17" color	19" color
	19" color	

	Model 725/50
SPU Performance	
Clock Speed	50MHz
MIPS Integer	62
SPECmarks	69
SPECint92	36
SPECfp92	72
MFLOPS Floating Point	13
Memory and Cache	
RAM	32-256MB
Instruction Cache	64KB
Data Cache	64KB
Mass Storage	
Disk Capacity	
Internal	525MB-2GB
Maximum	68.6GB
CD ROM	600MB
4mm DDS DAT	2-8GB
3.5" Floppy	1.44MB
Graphics Hardware	Integrated grayscale & color
	CRX-24
	CRX-24Z
	CRX-48Z
	Multimonitor Support
Monitors	19" grayscale
	19" color

	Model 735
SPU Performance	
Clock Speed	99 MHz
MIPS Integer	124
SPECmarks	147
SPECint 92	80
SPECfp 92	150
MFLOPS Floating Point	40
Memory/Cache	
RAM	32-400MB
Instruction Cache	256KB
Data Cache	256KB
Mass Storage	
Disk Capacity (SCSI-II)	
Internal	525MB-2GB
Maximum	125.4GB
ROM	600MB
DDS tape	2-8GB
3.5" Floppy	1.44MB
Graphics Options	GRX
	CRX
	CRX-24
	CRX-24Z
	CRX-48Z
	Multimonitor support
Monitors	19" grayscale
	19" color