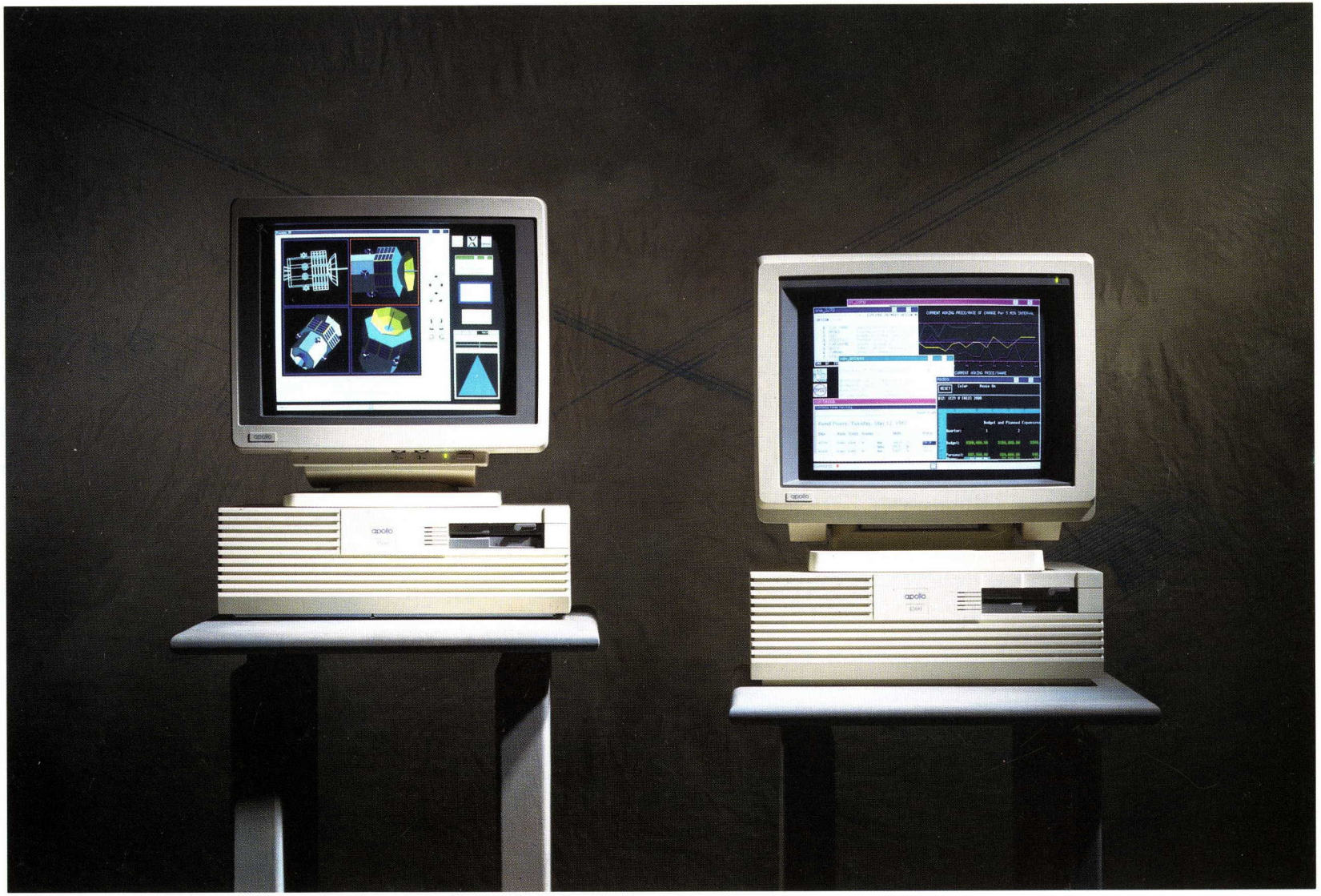

Apollo's Series 4500 Specifications

The Series 4500™ Personal Super Workstation™ sets a new standard for high-performance desktop workstations. This attractively priced next-generation member of Apollo's Personal Super Workstation family, based on an optimized 33MHz MC68030 microprocessor, lets you perform many advanced applications right at your desk.

And of course, as a compatible member of Apollo's UNIX®-based workstation family, you get all the standards and openness that you've come to expect from Apollo.

Hardware

Central Processor	32-bit 33MHz MC68030
Floating Point	33MHz MC68882 (standard)
Cache	64KB Physical
Memory	8MB-32MB RAM interleaved
Bus	7-slot IBM PC AT®-compatible bus interface
I/O Ports	3 RS232 serial
Keyboard	low profile, detachable with 32 programmable function keys, numeric keypad and mouse input device
Display Options	(tilt-and-swivel monitor with small footprint)

High-Performance Color Option

Display	19-inch
Resolution	1280 x 1024
Refresh Rate	68Hz non-interlaced
8 bit Planes	
Colors Displayed	256 from a palette of 16.7 million
Dedicated Graphics Processor	(optimizes 2-D primitives)

Other Color Option

Display	19-inch
Resolution	1024 x 800
Refresh Rate	60Hz non-interlaced
8 bit Planes	
Color Displayed	256 from a palette of 16.7 million

Graphic assist hardware for optimum performance

Monochrome Option

Display	19-inch
Resolution	1280 x 1024
Refresh Rate	64Hz non-interlaced

Graphic assist hardware for optimum performance

Mass Storage Options

ESDI Winchester Disk	155MB (formatted) 348MB (formatted) 696MB (2 x 348MB) (formatted)

Removable Media Options

5¼-inch Floppy Disk Drive	1.2MB
¼-inch Cartridge Tape Drive	60MB

A Wide Range of Server Configurations

Networking Options	(includes a choice of network controllers)
Apollo Token Ring	12Mb/sec baseband
Ethernet® IEEE 802.3	10Mb/sec local area network

Other Options

Floating Point Accelerator (FPA)
Domain/PCC™ coprocessor
Serial/Parallel expansion board (SPE)

Software

Standard

Operating System	Domain/OS (a single operating system providing a choice of UNIX System V, 4.3BSD and Aegis™)
Software Development	Domain/DDE (multiprocess, distributed language sensitive debugger)
Domain Graphics Resources	Display Manager, GPR™; run-time licenses for GSR, 2-D and 3DGMR™
Power-on diagnostics	

Optional

Languages	Domain/C++,™ Domain/C,™ FORTRAN 77, ISO Pascal, Domain/CommonLISP,™ Domain/Ada™
Domain Graphics Resources	Development license for GSR,™ 2-D and 3DGMR, Domain PHIGS, Domain/GKS
Software Development	DSEE,™ Domain/PAK™ D3M,™
User Interfaces	X Window System,™ Open Dialogue™
Office Automation	Alis,™ Interleaf,® DPSS/Mail™
Network Computing	Network Computing System™ (NCS), Network License Server

Communications	Domain/LU 6.2,™ SNA, X.25, PC Interconnects, Domain/Access™

Over 1800 solution supplier applications

Physical Dimensions and Weights

Electronics Unit	16.9 cm (6.7 in.) H x 53.1 cm (20.9 in.) W x 43.7 cm (17.2 in.) D; 21.4 kg (47 lbs)
19-inch High-Performance Color	47.0 cm (18.5 in.) H x 48.0 cm (18.9 in.) W x 48.9 cm (19.25 in.) D; 32 kg (70.4 lbs)
19-inch Color Monitor	50.9 cm (19.5 in.) H x 52 cm (20.5 in.) W x 51 cm (20 in.) D; 38.6 kg (85 lbs)
19-inch Monochrome Monitor	46.4 cm (18.25 in.) H x 46.4 cm (18.25 in.) W x 37.5 cm (14.8 in.) D; 36.6 kg (85 lbs)
Keyboard	2 kg (4.4 lbs)

Power	(maximum)
Electronics Cell	780 Volt-Amps
Color Monitors	200 Volt-Amps
Monochrome Monitor	115 Volt-Amps

Operating Environment

Temperature	15°C to 32°C (60°F to 90°F)
Humidity	20%-80% non-condensing
Ceiling	0-2440 meters (0-8,000 ft)

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For more information, call 1-800-323-1846. In Massachusetts call 1-800-847-1011. Or write Apollo Computer Inc., 330 Billerica Road, Chelmsford, MA 01824, 508/256-6600.

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