



Apollo's Series 3500 Specifications

The Series 3500™ Personal Workstation™ is the most versatile member of Apollo's UNIX®-based family of Personal Workstations. It also boasts the added power and performance of Motorola's latest standard chip technology at a very affordable price.

And of course, like all Apollo workstations, the Series 3500 gives you unsurpassed networking, industry standards, and over 1800 application solutions to choose from.

Hardware

Central Processor	32-bit 25MHz MC68030
Floating Point	25MHz MC68882 (standard)
Memory	4MB-32MB RAM
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/swivel monitor with small footprint)

High-Performance Color

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 Options

Display	15-inch or 19-inch
Resolution	1024 x 800 resolution
Refresh Rate	60Hz non-interlaced
4 bit Planes	
Color Displayed	16 from a palette of 4096 or 8 bit Planes
Color Displayed	256 from a palette of 16.7 million
Graphic Assist Hardware	for optimum performance

Monochrome Options

Display	15-inch
Resolution	1024 x 800
Refresh Rate	76Hz non-interlaced
or	
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	60MB

A Wide Range of Server Configurations

Networking Options

	(system 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,™ D3M,™ Domain/PAK™
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, Domain/SNA,™ X.25, PC Interconnects
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)
15-inch Color Monitor	39.7 cm (16 in.) H x 39.7 cm (16 in.) W x 45 cm (18 in.) D; 24.0 kg (52 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)
15-inch Monochrome Monitor	35.5 cm (13.9 in.) H x 36 cm (14.1 in.) W x 37.5 cm (14.8 in.) D; 11 kg (25 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	500 Volt-Amps
Color Monitors	240 Volt-Amps
15-inch Monochrome Monitor	55 Volt-Amps
19-inch Monochrome Monitor	115 Volt-Amps

Operating Environment

Temperature	15C to 32C (60°F to 90°F)
Humidity	20%-80%, non-condensing
Ceiling	0-3050 meters (0-10,000 ft)

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