C O M M O D O R E

# AMIGA® 4000 MULTIMEDIA COMPUTER


The Amiga 4000 is the first member of an all new generation of Amiga multimedia computers. With the introduction of the Advanced Graphics Architecture™ Chip Set the Amiga 4000 sets new and affordable benchmarks for exciting graphics, animation and video.

From its inception the Amiga 4000 was specifically designed to meet the demanding graphic and video processing power required for multimedia computing.

High resolution graphics simultaneously displayed in up to 256,000 colors from a palette of over 16.8 million provide life-like images and add spectacular color to presentations and interactive applications.

The Amiga 4000 Advanced Graphics Architecture retains compatibility with the Amiga Enhanced Chip Set and Release 2 System Software. An ECS compatibility mode allows many existing self-booting programs to be run without modification.

Multiple ports and internal Amiga and PC slots allow you to expand the Amiga 4000 with a wide variety of peripherals. The custom CPU expansion slot gives you access to more advanced processors as they are introduced and can greatly extend the life of your system

In addition, the Amiga 4000 makes it possible for you to work with documents and graphics from other systems. It comes standard with a built-in 3.5 inch high density disk drive and the CrossDOS utility which allows for easy transfer of files between Amiga and MS-DOS® -based systems.

And the Amiga works side-by-side with other platforms in Novell® networking environments.

With the blistering speed and power of the Motorola® 68040 processor orchestrating the system, presentations and interactive training programs take on a new brilliance. Number crunching business applications are completed in less time.

The Amiga 4000 allows you to create exciting video effects and fast-paced animations in a fraction of the time and cost of systems that must be pieced together from a confusing array of add-on cards.

The Amiga 4000. Spectacular performance right out of the box.

## AMIGA 4000 FEATURES

- Advanced Graphics Architecture™ utilizing AGA Chip Set and Motorola® 68040 Processor
- 256,000 simultaneous colors from a palette of 16.8 million available
- Hardware Scan Doubling for flicker-free display on 31 kHz monitors
- Upward compatibility with Amiga Enhanced Chip Set

## STANDARD AMIGA FEATURES

Features integrated into the system architecture and supported by the system software

- Advanced Custom Processors for DMA, Video, Graphics, Sound and I/O Control
- NTSC Video Horizontal Scan Rate Compatibility
- Multitasking Operating System
- Selectable Resolutions/True Overscan
- Standard File Format (IFF)

# AMIGA® 4000

## TECHNICAL SPECIFICATIONS

### CPU
- Motorola® 68040 series 32-bit processor
- 25 Mhz clock speed
- Removable processor module

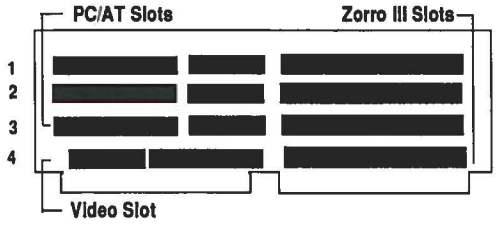
### Memory
- 2 MB 32-bit Chip RAM
- Up to 16 MB 32-bit Fast RAM
- Easily expandable via standard SIMM units
- Additional standard RAM is supported by the Amiga's proprietary AUTOCONFIG ™ capability

### Software
- 512 KB 32-bit ROM
- AmigaDOS ™ 3.0 Multitasking Operating System
- Supports programmable resolutions
- Supports outline fonts
- Localized for multiple language/countries
- CrossDOS MS-DOS® file transfer utility

### Interfaces
- Keyboard
- Mouse/Joystick/Lightpen/Tablet ports (2)
- Serial (RS-232)
- Parallel (Centronics)
- Video (RGB analog or RGBI digital)
- Right and Left stereo audio
- Internal and External floppy disk drive ports
- Internal AT IDE port. Optional SCSI adapter

### System Slots
- CPU slot (200-pin) supports high-speed memory and advanced processors
- Amiga system bus - Four 16/32-bit Zorro III expansion slots (100-pin) with AUTOCONFIG ™
- PC bus - Three PCAT™ slots

### Video Slot
- Extended 24-bit Video slot
- In line with standard 100-pin Zorro slot for easy integration of Zorro and video boards




**How the Slots Work**

If MS-DOS compatibility is desired a Bridgeboard may be placed in slot 1, 2 or 3. When a Bridgeboard is installed, the empty PC slots are capable of supporting a wide variety of XT or ATstyle boards. The remaining Zorro III slots support both 16 & 32-bit Zorro boards.

### Keyboard
- Detachable
- 94 keys, including 10 function keys
- Separate numeric keypad
- Separate cursor keys (inverted "T" layout)

### Mouse
- Opto-mechanical
- 2-button design

### Disk Drives
- Built-in 3.5-inch high density disk drive (880 KB/1.76 MB formatted)
- Hard Drive models pre-formatted and pre loaded with system software and utilities
- 2 rear and 2 front 3.5-inch drive bays
- 1 front 5.25-inch drive bay

### Graphic Modes
- AGA custom chipset produces resolutions ranging from 320x200 to 1280x400 (more with overscan), including 800x600
- NTSC and PAL video resolutions
- Color palette of 16.8 million colors
- 2 to 256,000 user definable colors displayable on-screen

### Video Display Output
- Works with RGB analog VGA or multiscan monitors (not all modes supported with non-multiscan monitors)
- Horizontal scan rates 15 kHz - 31 kHz
- Vertical scan rates 50Hz - 72 Hz

### Sound
- Four channel stereo sound, capable of reproducing complex waveforms
- Built-in sound buffer up to 800 KB nominal
- 8-bit D/A converters
- 6-bit volume

### Dimensions
- 15 1/4" deep x 15" wide x 5" high

### Weight
- Approx. 20 lbs.

### Power Requirements
- 110 volt/60Hz 150 watt power supply

## A4000 CONFIGURATIONS

### A4000 - 040/120
- Amiga 4000 with Motorola 68040 Processor, 6MB RAM, internal 3.5" 1.76 MB Floppy Drive and 120 MB IDE Hard Drive
- 94-key Keyboard
- 2-button Mouse
- AmigaDOS Release 3.0 System Software and Utilities
- Gold Service Warranty Package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