

# The Commodore Amiga 4000 Series



## THE COMMODORE AMIGA 4000 SERIES

The Amiga 4000 is a new generation of multimedia computers courtesy of a new graphics chipset with display modes of up to 256,000 on-screen colours from a palette of 16.8 million. The Amiga brings desktop photo-realism to graphics, video, animation and presentations.

Based on the Motorola 68040 processor, the Amiga 4000 shares the multi-tasking of earlier Amigas and is available with the latest and most powerful graphics and video application software. Inter-operability with documents and graphics from other systems is supported in two ways. First, for IBM PC environments the Amiga allows easy file transfer between Amiga and MS-DOS environments which can be extended to running PC applications with an optional bridgeboard. Second, as a networked component in the Novell environment the Amiga is fully supported, both as a terminal and file server.

On-screen displays of 800 x 600 pixels or 1280 x 400 are further supported with a dedicated video slot and up to seven expansion slots for power intensive use.



# The Commodore Amiga 4000 Series Technical Specifications

<b>Product</b>	Amiga 4000/040
<b>Processor/Speed</b>	Motorola 68040 32-bit processor, 25MHz clock speed* Removable processor module
<b>Memory</b>	2Mb 32-bit chip Ram Up to 16Mb, 32-bit fast RAM (standard SIMM units) Additional Ram is supported by the Amiga's proprietary AUTOCONFIG capability
<b>Rom</b>	512Kb of 32-bit ROM
<b>Disk Storage</b>	40 Or 120Mb hard drive formatted and pre-loaded with system software and utilities Built-in 3.5" high density disk drive 880Kb/1.76Mb formatted capacity 2 rear and 2 front 3.5" drive bays, 1 front 5.25" drive bay
<b>Operating System</b>	AmigaDOS 3.0 Multi-tasking Operating System Supports programmable resolution, outline fonts, localised for multiple languages/countries Cross DOS MS-DOS file transfer utility
<b>Ports</b>	1 x serial (RS232), 1 x parallel (Centronics) Keyboard/mouse/joystick/lightpen/tablet ports (2) Video (RGB analog or RGB digital). Right and left stereo audio. Internal and external floppy drive ports. Internal AT IDE port. Optional SCSI adaptor
<b>Video Display Output</b>	Works with RGB analog VGA or multiscan monitors (not all modes supported are with non-multiscan monitors) Horizontal scan rates 15KHz - 31KHz Vertical scan rates 50Hz - 72Hz
<b>System Slots</b>	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 - Also PC Bus. (3 PC AT slots)
<b>Video Slot</b>	Extended 24-bit video slot in line with standard 100 pin Zorro slot for easy integration of Zorro and video boards
<b>Graphics Modes</b>	AGA custom chip set produces resolutions ranging from 320 x 200 to 1280 x 400 (more with overscan) including 800 x 600, NTSC and PAL video resolution. Colour palette of 16.8 million colours. 2 to 256,000 user-definable colours displayable on screen
<b>Sound</b>	Four channel stereo sound capable of reproducing complex waveforms. Built-in sound buffer up to 800Kb nominal. 8-bit D/A converters. 6-bit volume
<b>Keyboard</b>	Detachable, 94 keys including 10 function keys Separate numeric keypad and separate cursor keys (inverse "T" layout)
<b>Mouse</b>	Opto-mechanical 2-button design
<b>Dimensions (W x H x D)</b>	15" x 5" x 15.25"
<b>Weight</b>	Approximately 20lbs
<b>Power Supply</b>	135 watts

\* On Amiga 4000/030 the processor is Motorola 68030

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