
COMMODORE AMIGA 500

CPU includes built-in Disk Drive, Keyboard and Mouse, Power supply, Documentation, System software (Workbench) and AmigaBASIC on two 3.5" disks

68000 Processor/ 16/32 bit Word length

512 KB RAM, Internally expandable to 1 MB with battery backed-up clock/calendar

4096 Colors available with a maximum resolution of 640 x 400 (additional resolution with overscan)

4-Voice 2 channel sound output and built in speech software

Multi-tasking Operating System



PERSONAL COMPUTER

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COMMODORE AMIGA 500

CPU MEMORY

Motorola 68000 • 16/32 bit • clock 7.16 MHz 512 KB RAM standard • 1 MB RAM with optional internal memory expansion A501 (user installable) • externally expandable up to an 8 MB (with AutoConfig feature) • total maximum 9 MB

ROM

256 KB (includes Kickstart 1.2)

INTERFACES

Mouse/Joystick (2), Also supports one lightpen or tablet etc. • Serial (RS232) • Parallel (Centronics) • Video (RGB analog, RGBI) • Composite Monochrome video • Right and Left audio • External disk drives • RAM expansion • Amiga system bus expansion (86 pin edge connector)

KEYBOARD

Integral • 94-keys including: 10 function keys • separate numeric keypad • separate cursor keys (inverse "T" layout) • help key

MOUSE

Optomechanical • two-button system

DISK DRIVES

Built-in 3.5" disk drive (capacity: 880KB formatted) • Maximum one external 3.5" disk drive and one additional 5.25 drives (for MS-DOS formatted floppy disks)

VIDEO DISPLAY

400 lines/vertical frequency 60 Hz • Graphic co-processor with beam synced draw, fill and move modes (Blitter) • Maximum 512 KB video memory (chip memory) palette of 4096 colors • Maximum 6 bitplanes • 8 sprites per scanline

TEXT MODE

Standard modes: 80 characters/25 lines • 60 characters/25 lines • Different font sizes and font types selectable • Screen colors user definable

GRAPHIC MODES

Numerous modes ranging from 320 × 200 to 640 × 400. Can be more with overscan

SOUND

4 independent sound channels configured as right and left audio • Reproduces unlimited complex waveforms • Sound buffer up to 400 KB nominal, maximum 512 KB • 8-bit D/A converter plus 6-bit volume control

SPEECH

Built-in English text-to-speech device • Controls for rate, pitch, volume, inflection and gender of voice

DIMENSIONS

27¹/₁₆" (H) × 18¹/₂" (L) × 12³/₄" (W)

WEIGHT

8.32 lbs.

POWER

External power supply with On/Off switch 110 Volts/60 Hz 60 W

PERSONAL COMPUTER

COMMODORE
AMIGATM

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