AMIGA® *1200* PERSONAL COMPUTER

The Amiga 1200 is Commodore's newest personal computer which uses the Advanced Graphics Architecture™ chip set. The A1200 is a lower cost member of the versatile and powerful Amiga 4000 family.

The 32-bit Motorola® processor working in conjunction with the custom AGA chip set provides the Amiga 1200 with exciting new features and user benefits at a lower cost than many other personal computers.

Animation and images come alive in a variety of screen modes which include the spectacular HAM8 modes. High resolution displays in up to 256,000 simultaneously displayable colors from a palette of 16.8 million make the A1200 ideally suited for graphics and video intensive applications.

The A1200 has an impressive number of video display outputs including RGB analog and digital, VGA, color composite and RF modulated. The AGA hardware enhancements provide smooth display updates and crisp screen characters without "jaggies."

VGA screen resolutions are available in both interlaced and non-interlaced modes. Hardware scan doubling provides flicker-free display on a variety of multiscan monitors. The Amiga 1200 supports screen modes that are compatible with the standard NTSC horizontal scan rate. No additional video cards are required.

Local bus expansion capabilities are provided by an internal edge connector. The Amiga 1200 CPU bus connector supports accelerator boards, fast RAM expansion, PC emulators and other options that must have direct access to the Amiga system bus.

The PCMCIA "credit card" slot is a standard, general purpose expansion connector. The PCMCIA card slot can support a wide range of expansion options such as additional system RAM, modems, ROM card applications, networking hardware and SCSI adapters.

The Amiga 1200 provides exceptional personal computing power and performance for home or business - at a price that makes it easy to own.

AMIGA 1200 FEATURES

- Advanced Graphics Architecture™

- 256,000 simultaneous colors from a palette of 16.8 million available

- Hardware Scan Doubling for flicker-free display on 31 kHz monitors

- Backward 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

- 8-bit digital sound

- Keyboard and Mouse included with system

CPU

- 14.32 MHz 68EC020 NTSC
- 32-bit data path
- 24-bit address space

Memory and Expansion

- Up to 2 MB 32-bit Chip RAM
- Optional Battery-backed Real-time Clock
- Internal 150 pin CPU-slot edge connector
- Supports PCMCIA Standard 2.0 Memory and I/O cards
- System can support 10MB

Software

- 512 KB 32-bit ROM, can support 2 MB
- Includes PCMCIA code
- AmigaDOS™ 3.0 Multitasking Operating System
- Supports programmable resolutions
- Supports outline fonts
- Localized for multiple language/countries
- CrossDOS MS-DOS® file transfer utility

Disk Drives

- Built-in slimline 3.5-inch disk drive (880 KB formatted)
- Optional 2.5in form factor IDE Hard Disk Drive
- Hard Drive models pre-formatted and pre-loaded with system software and utilities

Mouse

- Opto-mechanical
- 2-button design

Interfaces

- Keyboard
- Mouse/Joystick/Lightpen/Tablet ports (2)
- Serial (RS-232)
- Parallel (Centronics)
- Video (RGB analog or RGB digital)
- Color Composite and RF Modulated Video
- Right and Left stereo audio
- External floppy disk drive port
- Internal AT IDE port
- PCMCIA 2.0 Standard Slot
- External Expansion Port

CPU Expansion BUS

- 150-pin Local Bus edge connector supports
  - High-speed 32-bit RAM expansion
  - Coprocessor expansion
  - CPU accelerators

Keyboard

- Full-size, integral keyboard
- 96 keys, including 10 function keys
- Separate numeric keypad
- Separate cursor keys (inverted "T" layout)

Sound

- 8-bit audio with four voices configured as two stereo channels
- Built-in sound buffer up to 800 KB nominal
- 6-bit volume

Graphic Modes

- AGA custom chip set 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 50Hz-72Hz
- Vertical scan rates 50Hz-72Hz
- NTSC Color composite output
- RF output for standard TV

Dimensions

- 3"H x 18.5"L x 9.5"W

Weight

- Approx. 8 lbs.

Power Requirements

- 110 volt/60Hz 23 watts
- External power supply

A1200 CONFIGURATIONS

Amiga 1200 Personal Computer

- Motorola 68EC020 processor
- 2MB chip RAM
- Internal 880Kb 3.5" Floppy Drive
- Integral keyboard
- Two-button mouse
- Operating System software and utilities
- Internal IDE hard drive connector