

CACHe Worksystem

FEATURES

- Apple® Macintosh® Ix- Based
- Interactive Software Featuring Molecule Editing, Mechanics, Visualization
- 16 inch Color Monitor, 640 x 480 Resolution
- Stereo 3-D Viewing
- Mouse and 3-D Trackball
- 17 MIPS Computing Power
- 256 Displayable Colors
- Optional Color and B&W Printers

TYPICAL APPLICATION

- Synthetic Organic Chemistry in Pharmaceuticals, Agrichemicals, Plastics, Petrochemicals.

ADDITIONAL INFORMATION

Contact Tektronix CACHe Group at (800) 872-7924

RP88 Coprocessor

FEATURES

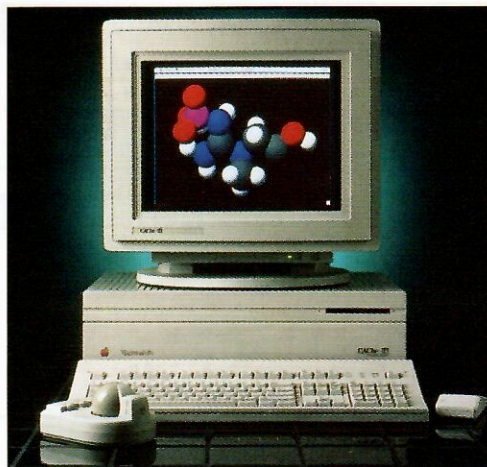
- 17 MIPS and 7 MFLOPS Performance
- 20 MHz Operation
- Motorola 88100 RISC CPU
- Up to 3 Motorola 88200 CMMUs
- Up to 8 MBytes of DRAM with Burst Mode Cache Line Fill
- Up to 32 kBytes Instruction Cache
- 16 kBytes Data Cache
- Full Master/Slave NuBus Interface

TYPICAL APPLICATIONS

- Engineering CAD
- Photorealistic Imaging
- Manufacturing Robotics and Machine Vision
- Scientific Visualization

ADDITIONAL INFORMATION

Contact Tektronix Advance Technologies at (800) TEK-WIDE. ext. 8800



CACHe Worksystem. Designed by chemists, for chemists.

The CACHe™ Worksystem is a personal chemical modeling system designed by chemists, for chemists. User-friendly, it provides synthetic organic chemists with timely solutions using computational chemistry and computer graphics. The Worksystem is based on an accelerated Apple® Macintosh® Ix platform, offering local computing resources equal to a mainframe.

POWERFUL, INTERACTIVE TOOLS

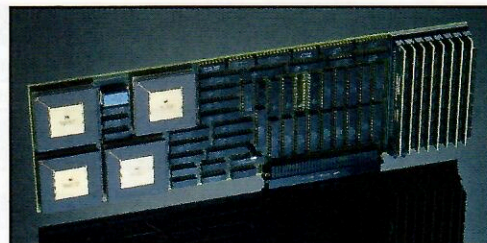
3-D interactive color graphics, plus chemistry application software developed at Tektronix by chemists, provides an integrated set of interactive tools for chemical modeling and calculations. Tools are in the familiar, graphically-oriented Macintosh® style, enabling chemists to examine graphical representations of complex chemical information and to manipulate, via 3-D trackball, geometric models of molecules in real time.

MACINTOSH®-BASED

Since the CACHe Worksystem is based on a Macintosh® II computer, the user also has access to a wide variety of personal software applications. Output can include a wide variety of color and B&W printers, and other add-on products.

COMPLETE DOCUMENTATION

Each system also includes a full complement of user documentation including a *User's Guide*, *Reference Manual and Card*, and *Chemistry Tutorial*. Systems are factory-installed; and installation, maintenance, and support services are available.



RP88 Coprocessor

INCREASED MAC II PROCESSING POWER

The Tektronix RP88 Coprocessor is a single Macintosh® II Series-compatible board that offers a significant performance advantage for applications configured for the board. Based on Motorola's 88000 RISC chip set, the coprocessor increases the processing power of the Mac® II by up to 30 times, delivering up to 17 MIPS and 7 MFLOPS performance.

PROGRAMMER'S TOOL KIT FOR FAST APPLICATIONS DEVELOPMENT

To assist software developers in developing and running applications, a complete Programmer's Tool Kit is available in either "C" or Fortran versions. Development tools include an 88000 assembler and linker (MPW-compatible), a symbolic debugger (Debug88™), and an 88000 library manager. The Tool Kit also enables porting of applications written for the UNIX operating system.

FULL ACCESS TO MAC II TOOLBOX

Software support libraries included with the Programmer's Tool Kit permit applications written for the RP88 Coprocessor to take full advantage of the Mac II, enabling use of the popular Macintosh graphical user interface, as well as, Macintosh system access and Macintosh memory management.

EASY INSTALLATION, SERVICE

The RP88 Coprocessor is easily installed into any Mac II series expansion slot, and complete user documentation is provided. The RP88 is fully serviced and supported by Tektronix.

ORDERING INFORMATION

CACHe Worksystem

(includes complete molecular modeling software, installation and training)

CACHe Add-on Worksystem (Hardware upgrade to existing Macintosh Ix or Cx)

4693DX Color Image Printer (with Macintosh interface card)

\$39,990

RP88 Coprocessor

Includes: 2 MBytes DRAM; 32 K cache memory; Sample programs; User documentation.

\$19,990

RP88 OPTIONS

Opt. 01 - Adds 6 MBytes DRAM

Opt. 02 - Adds 16 K of cache memory

\$9,490

\$9,575

RP88 PROGRAMMER'S TOOL KIT

Base Kit Includes: C compiler; Assembler, Debugger; Libraries.

\$995

Fortran Kit (requires Base Kit)

\$1,995

Includes Fortran compiler

RP88 COMPLETE DEVELOPMENT PACKAGE

Includes Coprocessor Board, Options 01 and 02, and Base Programmer's Tool Kit

\$11,995