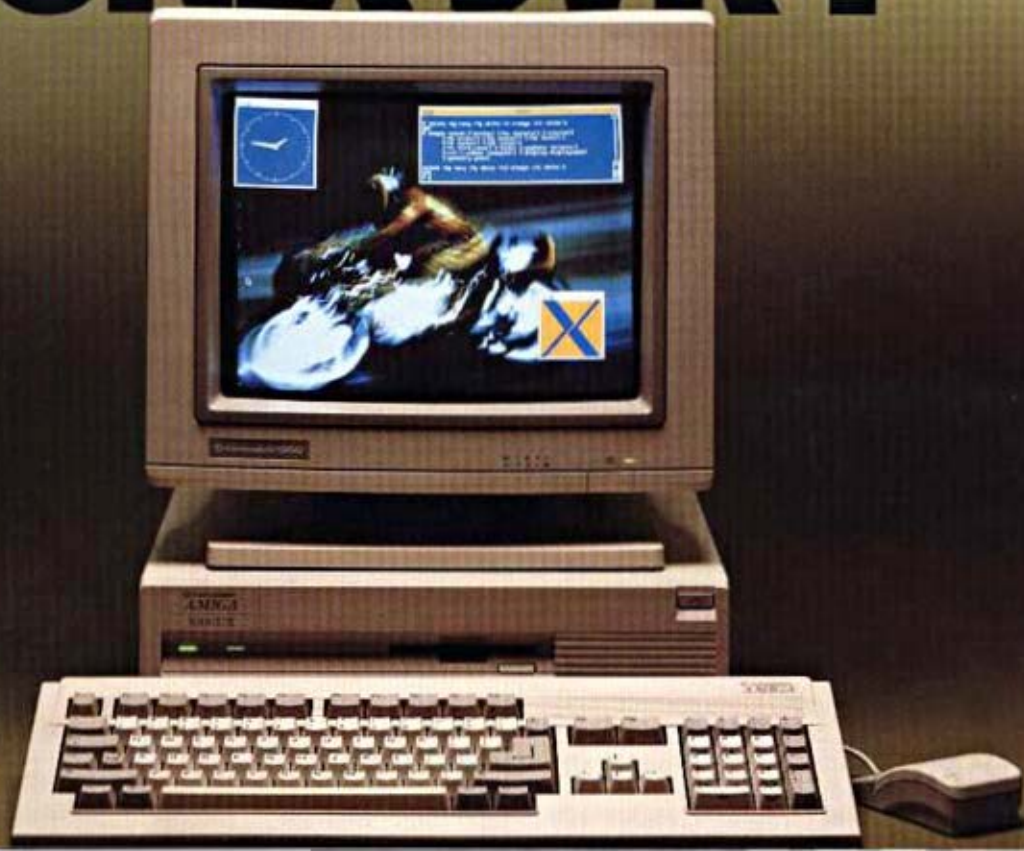


COMMODORE AMIGA 3000UX

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# BORN TO RUN UNIX SVR4



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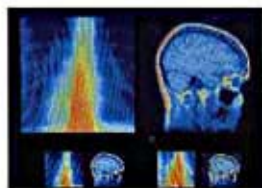
hen it comes to computers for professionals today, two facts stand out indisputably.

One fact is that, across the board, from super-computers to single-user workstations, UNIX System V Release 4<sup>®</sup> is simply the standard to adopt. For system portability. For user friendliness. For networking. For compatibility of architecture. For future growth.

The other fact is that the new Commodore Amiga 3000UX<sup>®</sup> is the computer that can put UNIX SVR4<sup>®</sup> on your desk right now. Affordably. Reliably. Ergonomically. With a completeness of design that already has the industry experts raving.

To the world, perhaps, the emergence of the Amiga 3000UX is a stunning revelation: a practical UNIX System V Release 4 workstation that outperforms systems many times its cost. To us at Commodore<sup>®</sup>, however, it is the culmination of a long and careful process. We developed and marketed earlier versions of UNIX System V, and we were one of the first companies to demonstrate UNIX SVR4. While others have boasted of their achievements, we at Commodore have quietly and determinedly gone about the business of putting all of the strategic advances of SVR4 into a box that you can plug in and turn on.

And we've done it. The Amiga 3000UX is proving itself in offices, classrooms and laboratories nationwide. And, like all Commodore solutions, it stands alone in capability for its price class. Prove it to yourself. Turn the page.



*Image analysis and enhancement  
using the Amiga 3000UX and the  
Imaging Kernel System (IKS)*



# WHAT MAKES AMIGA 3000UX RUN

**I**t begins with power. More specifically, 8 MB fast RAM — or, optionally, 16 MB fast RAM — of power, packed into a 32-bit Motorola processor with a math coprocessor. Giving you all the power you need to run UNIX System V Release 4, along with the X Window System™ and the Open Look™ Graphical User Interface, which are both provided on every pre-loaded Amiga 3000UX system. Plus such standard networking capabilities as NFS®, TCP/IP and Ethernet™.

And we're talking about an ABI-compliant industry standard UNIX SVR4, not some proprietary implementation. This is not just another hardware clone. The Amiga 3000UX is the real thing.

## Ready To Run. Out Of The Box.

Open the box, plug in the Amiga 3000UX, and you have a complete Release 4 system up and running on your desktop. With no installation delays or unplanned reconfigurations. It's that simple. We designed the Amiga 3000UX to be a totally integrated system that provides all of the tools of SVR4 as standard equipment.

When we say the Amiga 3000UX system comes complete, we mean complete. With built-in multi-format floppy disk drive. Internal and external disk capacity. A 94-key keyboard. An available color or monochrome display. A mouse. RAM expansion capability to 18 MB on the motherboard. And full system software, including thousands of on-line UNIX manual pages.

## Everything UNIX Has To Give.

The Amiga 3000UX was conceived by and for the users of UNIX System V Release 4. If you can do it

with Release 4, you can do it with the Amiga 3000UX. And probably do it better. That includes the following capabilities:

- The X Window System and all SVR4 graphic functions without modification.
- Open Look Graphical User Interface and Tool Kit.
- Bourne Shell, Berkeley Shell, Korn Shell, Restricted Shell, Remote Shell and Job Control Shell.
- RFS and NFS networking utilities which, when used with Virtual File Format, make it easier to build large, heterogeneous systems.
- elm, making electronic mail simple for even a new user.
- Emacs and vi, to provide a variety of text and program editing options.

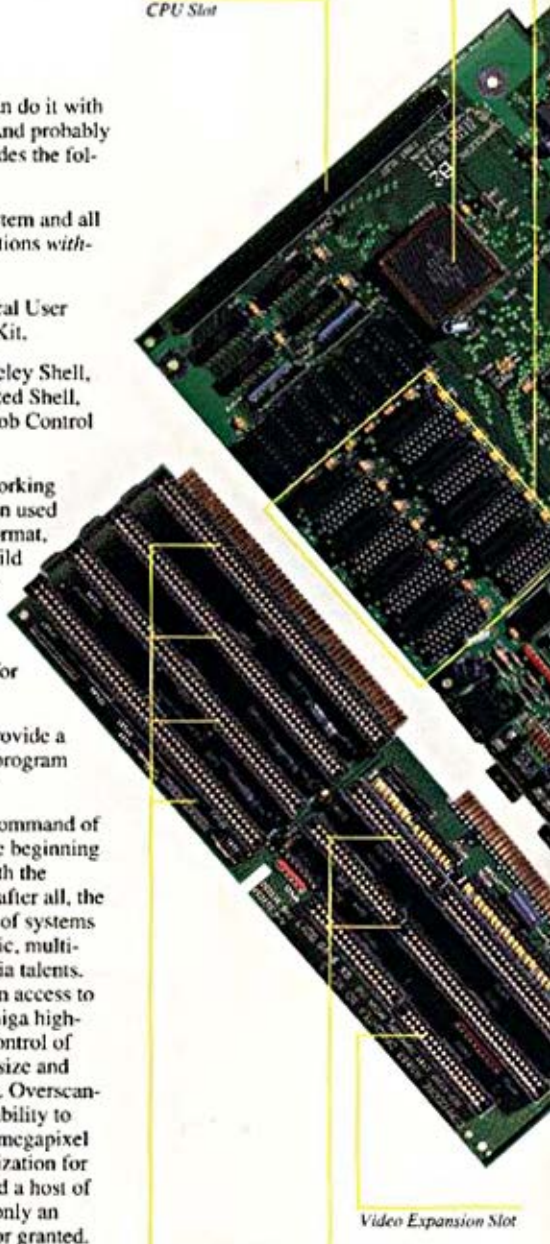
But having full command of UNIX SVR4 is just the beginning of what you can do with the Amiga 3000UX. It is, after all, the progeny of a long line of systems famous for their graphic, multi-tasking and multi-media talents. And that means built-in access to AmigaDOS™ and Amiga high-resolution graphics. Control of color, fonts, character size and other display elements. Overscanning screen size. The ability to drive high-resolution, megapixel displays. Internationalization for foreign keyboards. And a host of other advantages that only an Amiga user can take for granted.

68030

4- to 16-MB Fast SDRAM Sockets

Ramsey

CPU Slot



Video Expansion Slot

"Zorro-III" Amiga Expansion Slots

PC or Amiga Expansion Slots



# RUNNING COMMENTARY ON 3000UX PERFORMANCE

**I**f you really want to know how the Amiga 3000UX brings UNIX System V Release 4 to the workstation, you should ask the people who use it. So we did. Listen to what Amiga 3000UX users at some of the nation's leading institutions, and a leading publication, have to say.

## **"The Amiga just far outperformed the others."**

Last year, after years of using Apple Macintosh® systems, Virginia Tech's Computer Science Department decided to change suppliers for their student computers. The school's computer science majors are required to buy UNIX-based systems, and from now on, the Department says, they'll be buying Amigas.

The decision was not a hasty one. The department carried out an exhaustive review of systems from all of the major UNIX players — nearly 20 in all — before making a choice. And the winner was the Amiga

3000UX. Why? Ask James Arthur, Associate Professor of Computer Sciences at Virginia Tech and Chairman of the department's PC selection committee.

The Amiga 3000UX, Arthur says, "was head and shoulders above the other machines. The Amiga just far outperformed the others. We could have been conservative and gone with the IBM® or the Epson®, or we could go out on a limb and get a lot more machine for the money."

## **"We have been using Amiga almost from day one."**

At Westinghouse Science and Technology Center's Human Sciences Department in Pittsburgh,

the Amiga is an indispensable part of the company's advanced research efforts. Lab Manager Gary Sherwin is crystal-clear about the reasons.

"We have been using the Amiga for advanced scientific research almost from day one," says Sherwin. "I like the solidity of UNIX and the usefulness of being able to run multiple operating systems on the same machine."

## **"The most complete implementation of UNIX SVR4."**

You may have seen Ben Smith's review of the Amiga 3000UX in the December, 1990 issue of *Byte* magazine. In his article, titled "A UNIX Graphics Workstation for the Rest of the World," Smith had this to say about the Amiga 3000UX:

"This workstation is the most



complete implementation of the new AT&T UNIX System V Release 4. ...[It] is not a clone, nor a work-alike, nor a toy. It is a no-nonsense workstation that is impressive and compact. ...The Amiga 3000UX greatly outperforms the equivalent NeXT® and Macintosh with A/UX®... it is an obvious choice as a low-end workstation."

## **"As slick an implementation as any I've seen."**

At the University of Southern California, Amiga 3000UXs are up and running after being connected with the school's existing network. How does USC Director of Systems Mark Brown rate the Amiga's connectivity? Listen:

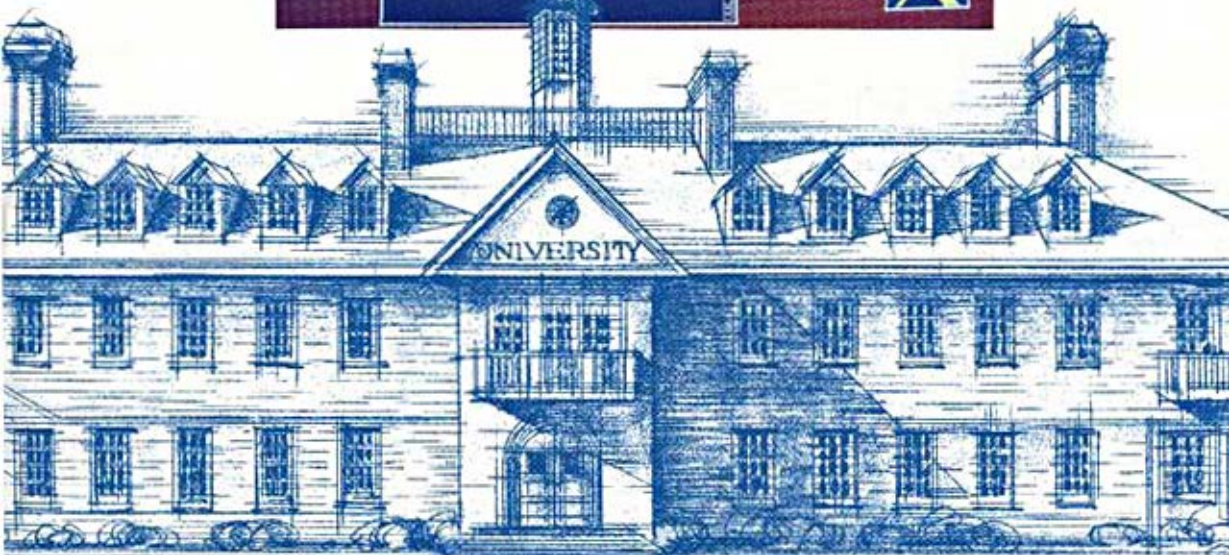
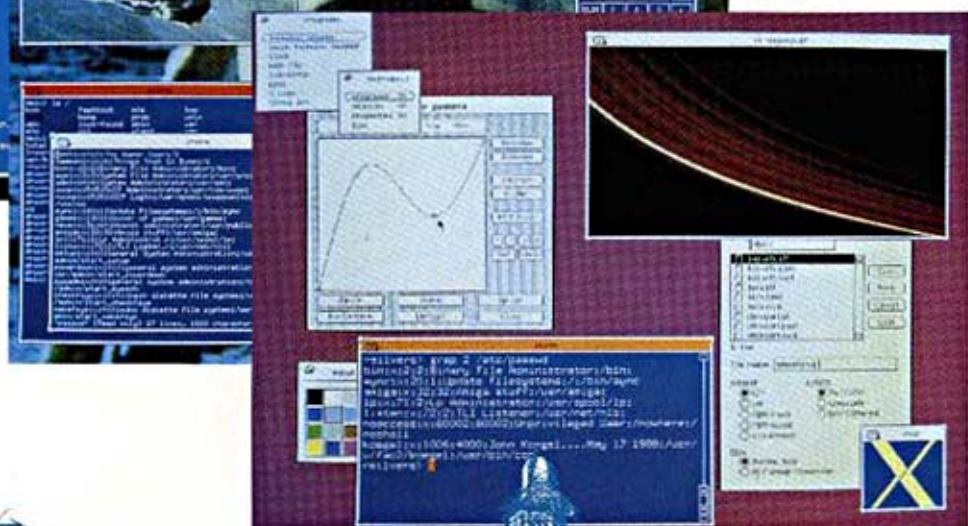
"[It is] as slick an implementation as any I've seen," Brown says. "We took it out of the box, switched it on and connected it to our network. It worked fine."

## **"Amiga UNIX is an impressive implementation of System V Release 4."**

Richard A. Miner, Research Manager at the University of Lowell's Center for Productivity Enhancement, makes these observations about the Amiga 3000UX as a research tool:

"Here at Lowell, we run an industry-conscious center where we conduct research and development of hardware and software for Fortune 500 companies. We have been working with the Amiga UNIX System since the early prototype stage, and have produced a number of significant applications and development tools. The robust implementation of the operating system and environment, along with the availability of standards in Amiga UNIX, have enabled us to integrate with our other systems and port numerous applications. Amiga UNIX is an impressive implementation of System V Release 4."





# ON SITE SERVICE CONTRACT

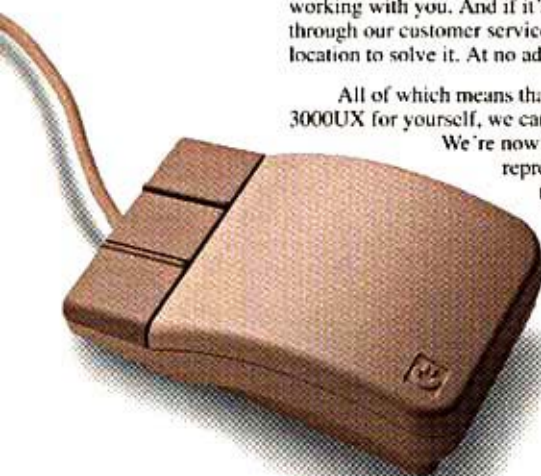
If you think the Amiga 3000UX itself is something to get excited about, wait until you see the Amiga guarantee: if you have any problems or questions about your Amiga 3000UX system, we will do everything we can to solve the problem—even making a hardware service visit to your site, at no additional cost, for the first year from the date of purchase.

Here's how it works:

When you have a question or problem, you call our toll-free number where a trained Amiga customer service specialist, seated at an Amiga 3000UX just like yours, will help you to solve your problem. If that doesn't do it, we'll connect you with an engineer who will continue working with you. And if it's a hardware problem that we can't solve through our customer service system, we'll send a technician out to your location to solve it. At no additional cost for the first year.

All of which means that when you come in to see the Amiga 3000UX for yourself, we can guarantee that you'll come away happy.

We're now selecting Advanced Systems Dealers to represent the Commodore UNIX range of systems. For the one nearest you, call our toll-free number, 1-800-66-AMIGA.



**Commodore**  
**AMIGA/UNIX**



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