




AST And Ariel Dynamics Go Out Of This World

World's most sophisticated analysis systems-the Ariel Performance Analysis and Computerized Exercise Systems.



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AST Introduces Premium 486/25 Computer

AST has launched the Premium 486/25, a high-end solution designed to enhance power in complex file-servers, multi-user workstations, and single-user desktop computing environments. The new system, part of the Cupid-32 family of upgradeable computers, offers a significant progression from 386/33 computing, providing users with the highest performance available in a personal computer.

The Premium 486/25 is based on the i486 microprocessor from Intel, making it ideal for business and scientific applications. It can run CAD/CAE, medical imaging, physical simulation, and aerodynamic stress testing faster than 33 MHz 386 computers.

In other news, AST has changed the status of the Premium 386/16 to limited availability due to the recent 386SX announcement and a commitment to optimize product line positioning. The company has also released enhanced versions of MS-DOS 4.01 and OS/2 1.1 for its entire line of systems products, providing customers with advanced operating system environments, enhanced performance, and an expanded array of features.

AST is also expanding its online technical support system to include international customers, with free 24-hour electronic information systems being added in Hong Kong, Australia, and other European locations.

Finally, AST's technology is being used by Ariel Dynamics, a world leader in human performance analysis, in two of the world's most sophisticated analysis systems. NASA has also requested the use of AST-based performance and exercise machines on board the Space Station 'Freedom' to test and measure astronauts' movements under zero-gravity.

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Below find a reprint of the 3 relevant pages of the article "AST And Ariel Dynamics Go Out Of This World" in "AST Channel Report":

Introducing the AST Premium® 486/25.


Once again, AST takes power one step further.

Introducing the AST Premium 486/25, our new high-end solution that adds power to complex file-servers, multi-user workstations and single-user desktop computing environments. As our newest member of the Cupid-32™ family of upgradable computers, this feature-rich system is the natural progression from 386/33 computing, offering your customers the highest performance available in a personal computer.

Premium Performance. — The Premium 486/25 is based on the i486™ microprocessor from Intel! Perfect for your customers requiring state-of-the-art performance for business and scientific applications, this new system runs CAD/CAE, medical imaging, physical simulation and aerodynamic stress testing faster than 33 MHz 386 computers.

Cupid Upgradeability and Protection. — Featuring Cupid-32 architecture, the Premium 486/25 offers your customers investment protection through a built-in

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AST Channel Report

Your Channel Guide

Marketing Shorts

Premium 386/16 Status Change.

The status of the Premium 386/16 has been changed to limited availability, due to our recent 386SX announcement and our commitment to focusing our product line for optimum positioning. This limited availability may result in extended lead times. Any outstanding Premium 386/16 bids can be shifted to the Premium SX systems, which offer your customers improved performance and the unique CUPID-32 upgrade architecture.

AST Releases Enhanced MS-DOS 4.01 And OS/2 1.1.

Now available for our entire line of systems products, we have released enhanced versions of MS-DOS 4.01 and OS/2 1.1. The new software provides customers with advanced operating system environments, enhanced performance, an improved user interface and an expanded array of features.

The new MS-DOS 4.01 release offers

- a menu-driven installation program, a "point-and-click" graphic user interface and better support for the newest generation of hardware. With the new OS/2 1.1, customers get multitasking, compatibility with MS-DOS 3.3, multiple windows, simplified memory management and the first heavy-duty operating system to include an industry-standard graphics interface.
- On-line Technical Support Goes International.

AST is expanding its on-line technical support system to include international customers. Free 24-hour electronic information systems in Hong Kong, Australia and other European locations will be added to the existing U.S. and U.K. locations. With centralized support automatically updated regularly, this expanded network will ensure timely, convenient and cost-effective access to technical information for up to 64 callers simultaneously.

AST And Ariel Dynamics Go Out Of This World.

AST Technology At Work. — Ariel Dynamics, Inc. is a world leader in human performance analysis. As an AST-authorized VAR, Ariel uses AST Premium/286 and 386 computers as the base-machine for two of the world's most sophisticated analysis systems—the Ariel Performance Analysis and Computerized Exercise Systems.

AST In Space. — "Recently, we've been asked by NASA to take our AST-based performance and exercise machines into space," said Gideon Ariel, founder and president of Ariel Dynamics. "On board the Space Station 'Freedom', the Premium/286 and 386 will enable us to test and measure astronauts' movements under zero-gravity. The results will help NASA


engineers design a spacecraft control console that's most compatible for astronauts' body motion under extreme gravity fluctuations."

Why AST? — "We chose the AST Premium/286 computers because of its top-rating, flexibility and reliability. It's an excellent computer. And I say this because we've dealt with all of them. AST computers are the easiest to work with, and they're reliable. This is important because we make our own customized boards and we're always working inside the computer. To date, we've had no problems with any AST computers."

Space Isn't The Only Frontier. — Ariel's AST-based performance/exercise analysis systems are used by the government, sports organizations, fitness clubs, hospitals, the U.S. Army and many others world-wide.

"A real breakthrough is our ability to analyze performance without wire and sensor hook-ups. By creating a digital picture of athletes and superimposing these images on a video screen, we can measure one's force, energy, momentum, segment/joint angle, and center of gravity against another's."

"For more efficient training and analysis, my machine knows when you're strong and when you're weak, and can adjust accordingly. We can now reduce the force



in a painful area and continue the exercise where no pain exists. Also, we can measure an athlete's capabilities and provide the endurance benefit of running, so they can realize their full potential."

Ariel has used this technology with athletes like Jimmy Connors, Bill Rodgers, 4-time gold medalist Al Oerter, the U.S. Olympic women's volleyball team and many others. The Philadelphia Eagles and Denver Broncos are just some of the sports teams using the AST Premium/286 computers. Moreover, Ariel's machines were designated the "Official Exercise Equipment and Analysis System of the 1988 Seoul Olympic Games." Even former president Ronald Reagan has used Ariel's system.



Would you like one of your successful AST applications to appear in this magazine? If so, send information to:

Attention: Marketing Communications, Channel Report, AST Research, 16215 Alton Parkway, P.O. Box 19658, Irvine, CA 92713-9658.

To Our Resellers,

These are exciting times at AST. Our front page story gives you the details on the Premium 486/25. Inside, on page 4, you can read about our entry-level Brave/386SX.

Not only have we just introduced two new computers, but we're in the process of moving to a new location.

Our new headquarters is still in Irvine, California.

Please note our new address.

AST Research, Inc.
16215 Alton Parkway
P.O. Box 19658
Irvine, California
92713-9658
(714) 727-4141

Sincerely,

James Ashbrook

Jim Ashbrook
Senior Vice President,
Product Marketing