Imagine putting your ideas to work as fast as you can turn this page.
We must have read your mind.
Imagine a workstation with real-time 3D color graphics and all the compute power your applications require.

Prime Computer, a Fortune 500 company and a pioneer in providing engineering and scientific systems, introduces the workstation of your dreams. The PXCL™ 5500 workstation. For over 15 years Prime has struck the perfect balance between engineering experience and innovation. It's only natural that we now bring you a workstation that exemplifies this symmetry and raises it to a higher dimension. A system that perfectly balances high computational processing power with three-dimensional color graphics.

Some workstations give you extraordinary 3D graphics. Others may offer exceptional computing capability. But the PXCL 5500 workstation has the unsurpassed power and sophistication to give you the 3D color graphics you need, when you need them.

Your ideas never looked so good so fast.

The PXCL 5500 system has the graphic capability to make your ideas look even better than you'd imagined. With its customized geometry circuits, it is capable of transforming and rendering the most complex images, turning your ideas into pictures that can represent potential products. At the heart of the system is a variety of custom VLSI dedicated graphics processors, true color capability (a palette of 16.7 million colors), and full RGB and look-up table color selectable on a per-window basis.

Power beyond pictures.

And to all this incredible color, dimension and detail, the PXCL 5500 workstation applies remarkable speed. Over 145,000 3D floating point transformations per second. No more waiting for your workstation to create 3D shaded images or complex simulations. Because the PXCL 5500 system is so interactive, you may find your workstation waiting for you.

The speed of the PXCL 5500 workstation isn't limited to graphics. Featuring a 10-MIPS CPU engine, with up to 16Mb of main memory, and using the most advanced RISC technology, the PXCL 5500 system can easily run the most demanding engineering and analysis programs. And all that power is housed in a slim 26" cabinet that fits easily under a desk.

Imagine the possibilities.

With an operating system based on UNIX™ System V.3, the PXCL 5500 system makes it easy to develop or port your own software or run a wide array of applications ranging from industrial design to computational fluid dynamics to computer-aided manufacturing. And with Ethernet - TCP/IP communications, this workstation will fit easily into any engineering and scientific computing environment.

Whether you're a software developer or an end user, you can easily imagine the benefits you'll reap from this perfect balance of speed and power. Working with the Prime PXCL 5500 workstation, your possibilities are truly endless.
See how the PXCL 5500 workstation can add a new dimension to your projects.

For Dr. Thomas Banchoff, Professor of Mathematics at Brown University, the PXCL 5500 workstation is a means to calculate, render and interact with phenomena in the fourth dimension. On the previous pages, you've seen examples of the PXCL 5500 system's ability to display and transform geometric images. Now you can read how this ability is transforming the way we see our world. As well as the other worlds that lie beyond our vision.

To receive Dr. Banchoff's fascinating report, "Discovering the Fourth Dimension," simply send in the coupon below.

☐ Please send me a free copy of Dr. Thomas Banchoff's report, "Discovering the Fourth Dimension."

☐ Please send me additional information on Prime's PXCL 5500 workstation.

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Now you can read about what the PXCL 5500 workstation did for Dr. Banchoff. And imagine what it can do for you.

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