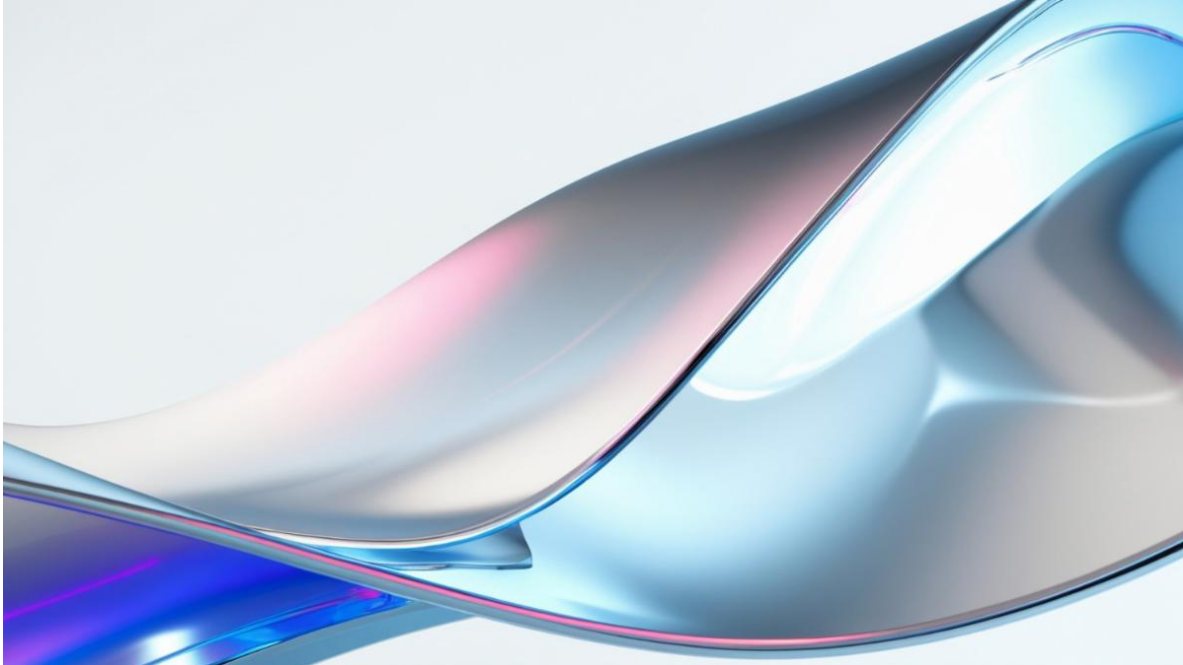# MemComputing Insider

We're back! Did you miss us?

We've been deeply engaged in some exciting developments over the last few months, including our Series A funding round and the design of our groundbreaking newest MemComputing chip. With all hands-on deck for these initiatives, our public newsletter took a little hiatus.

Series A

The Series A is 90% funded, and we're eager to share more details once it's fully closed. Are you intrigued by our technology and considering joining our circle of investors? There's still a limited opportunity for accredited investors to get involved. If you're interested in securing a spot and want more details, please reach out to **Investor Relations.** We're excited to explore this journey with you!

What we're all about

At MemComputing, we are revolutionizing the landscape of computational technologies with a patented approach that transcends traditional computing. Unlike conventional Turing machines using von Neumann architecture developed in the 1950s, the memcomputing architecture was invented in this millennium and represents an entirely new paradigm in computation.

Traditional computers perform distributed computing over processing units. Consider a traditional GPU. which performs distributed (or parallel) computing across its cores. These cores do not communicate with each other; they handle their tasks independently. Memory is also separate from the cores. Information is exchanged with memory prior to starting the processing and again just after.

The memcomputing architecture employs a unique collective computing model where computational units are inherently interconnected. Our approach integrates memory and computation within the same units. These units dynamically change their states based on continuous communication with each other, facilitating a synergistic environment where tasks are not just parallel but interdependent. This architecture enables complex problem-solving with unprecedented efficiency and reduced energy consumption.
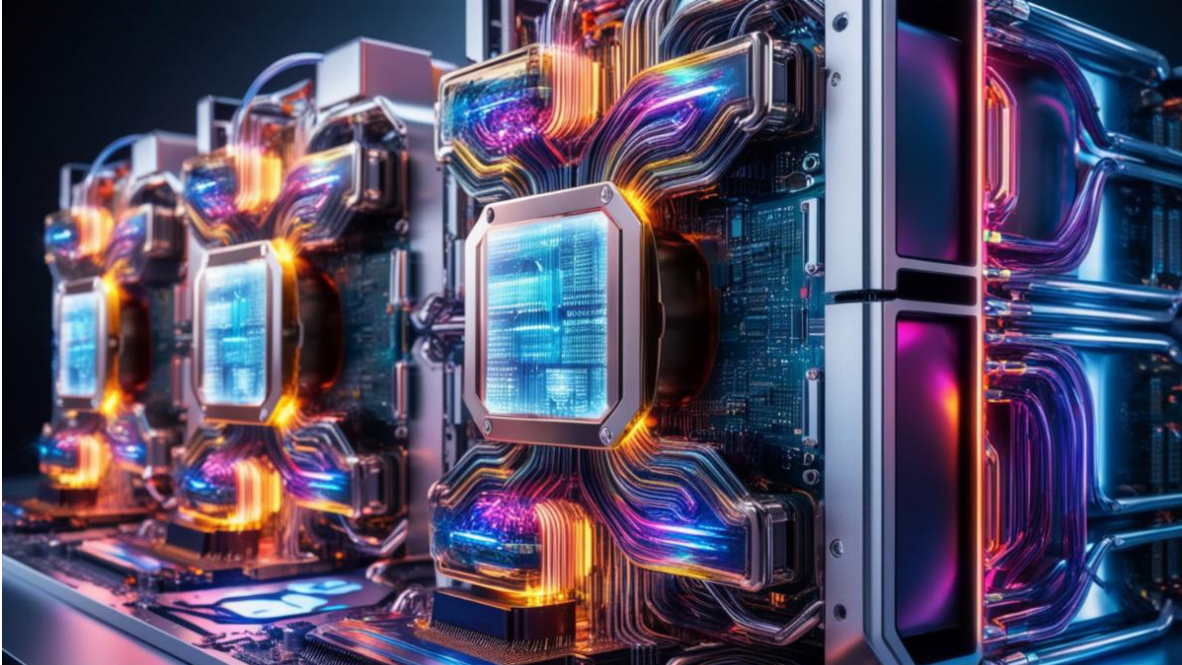
Revolutionizing Performance and Efficiency

Our technology is built from the ground up to deliver unparalleled performance and efficiency. Whether you're dealing with artificial intelligence, complex data analytics, advanced robotics, machine learning, or intractable optimization problems, our chips will provide the computing power you need without the constraints of traditional hardware.
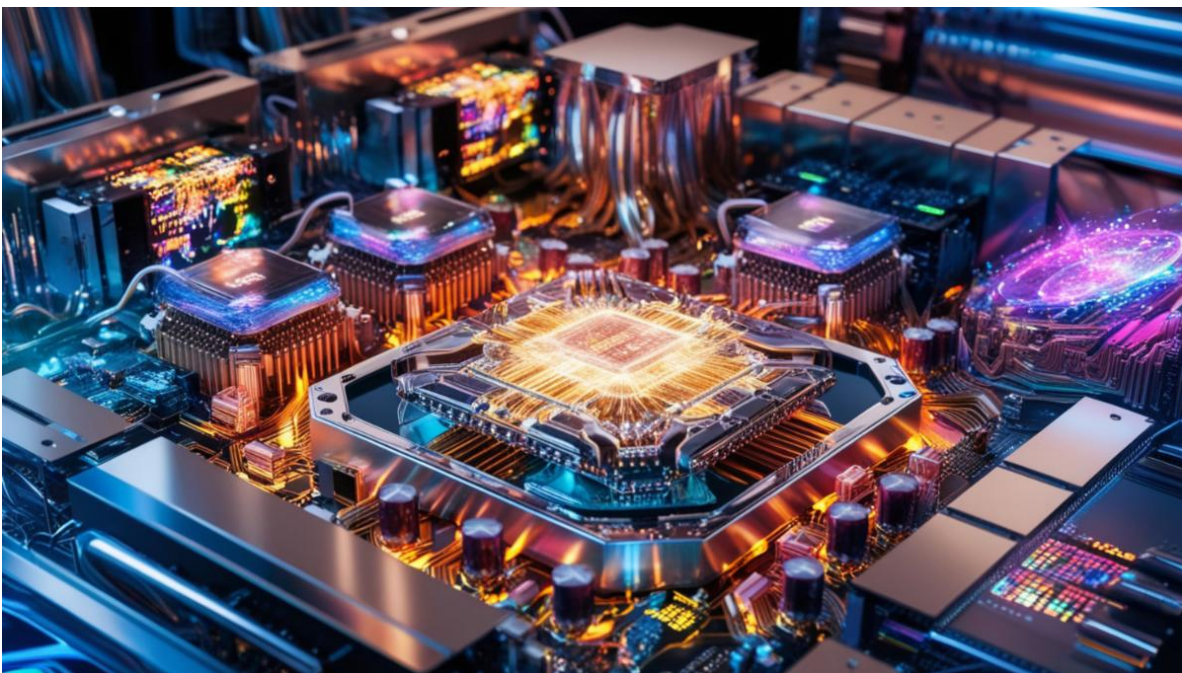
Leading with Innovation

As "The New Chip Company," we are not just part of the industry; we aim to lead it. Our team of experts is relentlessly innovating, pushing beyond the known limits of technology. We're not just keeping up; we're setting new standards and exceeding the dynamic demands of modern computing. We'll begin releasing our new chips in the first half of 2025. This launch marks the beginning of a series, with multiple innovative chips slated for rapid release thereafter, each designed to transform industry expectations and capabilities in servers and on the edge.

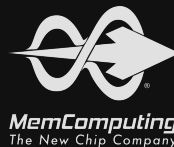# Commitment to Sustainability

Our commitment to sustainability is integral to our innovation strategy. We develop solutions that significantly reduce power consumption and lower the environmental impact, making our chips an intelligent choice for energy-conscious enterprises. On average, our chips consume energy at rates three orders of magnitude lower than traditional processors. That is like dividing

your energy bill by 1,000. This breakthrough paves the way for unlocking new revenue opportunities, transforming industries and enabling businesses to achieve previously unattainable goals with greater sustainability.

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