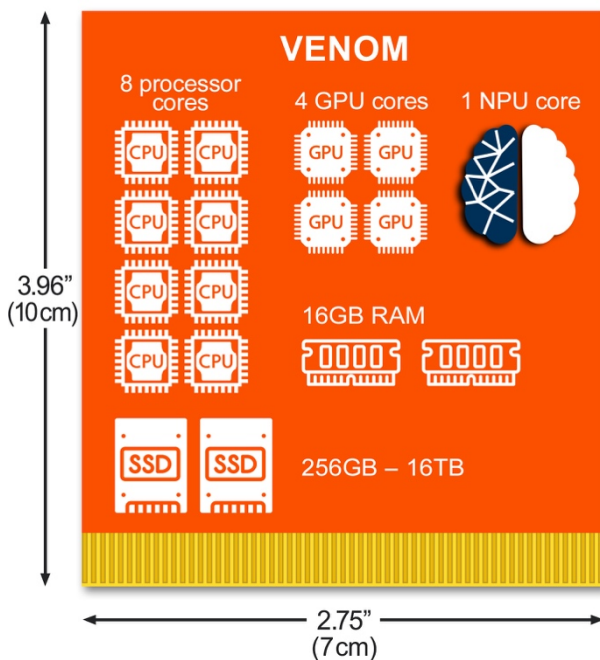


Symbiote® Product Brief

Symbiote® — A Fully Integrated Compute Platform



The growing demands of AI, analytics, and data center applications are rapidly challenging the capabilities of traditional server and storage architectures.

Cachengo® recognized the need for a more innovative approach. Introducing Symbiote® (“nodes”), the game-changing architecture that’s driving our products and solutions.

Why it’s Different?

Unlike traditional vendors that depend on standard server architectures with added GPUs and storage components, the Symbiote® is an innovative and fully integrated compute platform. Each Symbiote® functions as a standalone server and includes embedded processor cores, GPU/NPU cores, and flash storage—all within a compact form factor (about the size of a credit card), significantly reducing power and cooling requirements.

With Symbiote®, sophisticated networking functions are performed locally, where the data resides, resulting in real-time data analytics and insights, eliminating the constraints imposed by traditional server architectures.

How it Works?

Symbiote® is the foundation of our **Bento™** and **Pizza™** products, interconnected via a proprietary custom-designed 10Gbps backplane to maximize performance.

Each Symbiote® is an independent form factor allowing parallel workloads to be spread across multiple nodes. Our software defined WAN architecture efficiently connects thousands of Symbiotes, allowing for massive scalability, to meet the growing demands of AI, analytics, and data center applications.

Additionally, our peer-to-peer network architecture significantly enhances security, making data breaches virtually impossible.

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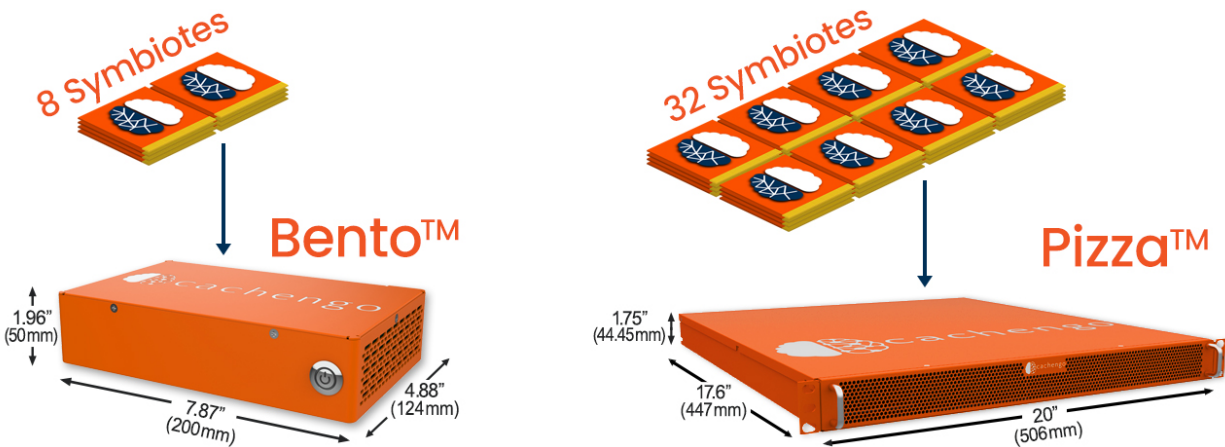
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- **Bento™** accommodates 8 Symbiotes, featuring 64 ARM processor cores, 32 ARM Mali GPU cores, 8 NPU cores, and up to 128TB of flash storage—ideal for real-time data analytics for edge computing deployments.
- **Pizza™** includes 32 Symbiotes in an energy-efficient 1U chassis, with 256 ARM processor cores, 128 ARM Mali GPU cores, 32 NPU cores, and up to 512TB of flash storage to easily scale to support AI and data center environments.

The Benefits

- **Scalable Architecture:** Delivers real-time data analytics with low latency.
- **Ultra-Compact and Power-Efficient:** Bento™ is versatile and can be deployed anywhere, with minimal power consumption.
- **Massive Scalability:** Easily expand Pizza™ deployments to support thousands of nodes for AI, analytics, and data center applications.
- **Enhanced Data Security and Governance:** Our peer-to-peer network architecture significantly enhances security, making data breaches virtually impossible.
- **Simplified Management:** Our proprietary platform/marketplace connects service providers and software-as-a-service (SaaS) companies, enabling them to take advantage of our intuitive cloud hosting model, called [Rent-a-Node™](#), that utilizes deployment, management, and rental of Symbiotes.



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