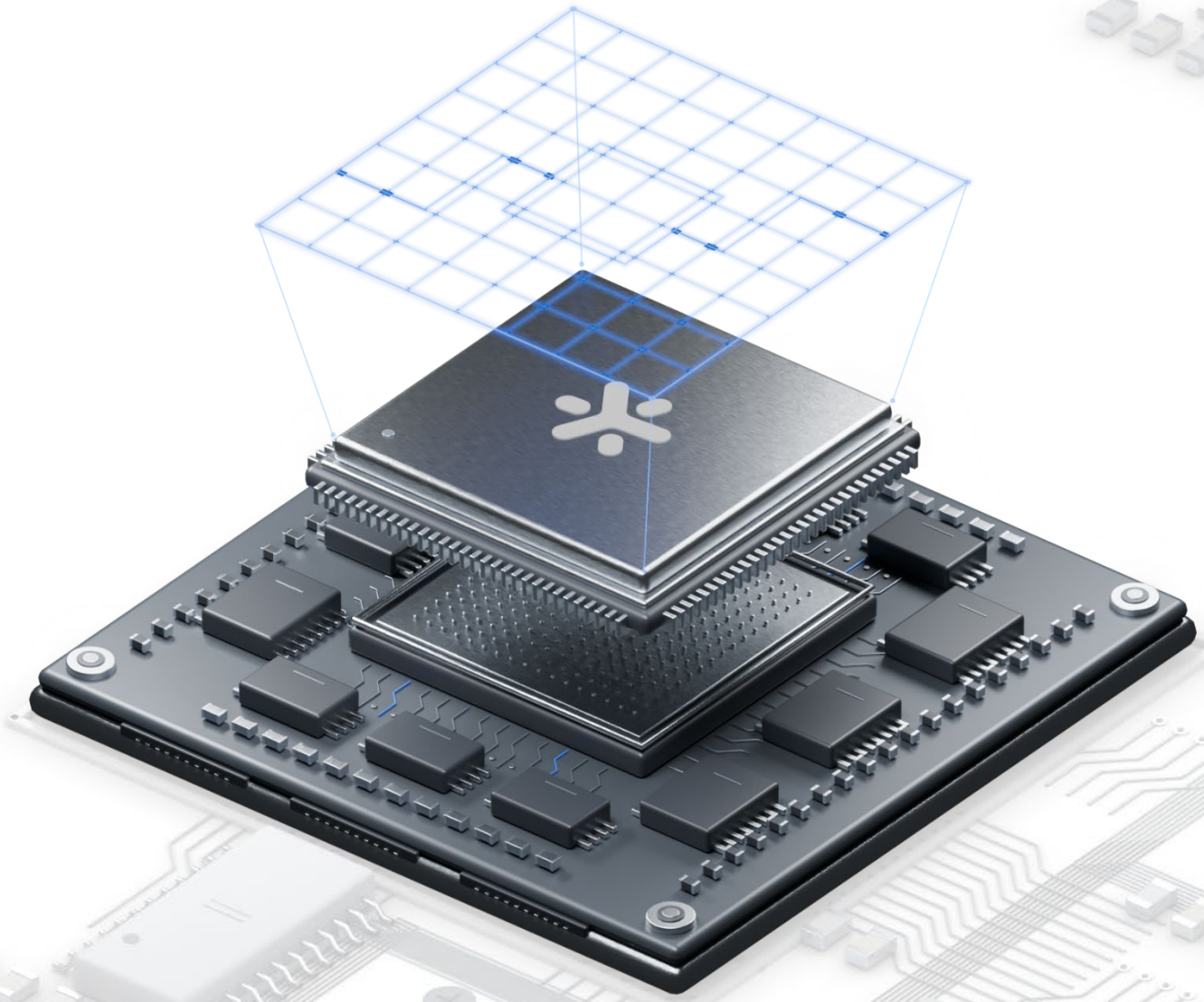
brainchip

About BrainChip

Edge AI Your Way



We Built Edge AI, Your Way

BrainChip is the worldwide leader in ultra-low-power edge AI.

Akida is neuromorphic technology, not a fixed product — a platform customers adopt on their own terms: shaped to their design demands, integrated with minimal friction, and deployed where conventional AI can't go.

The throughline is efficiency without compromise, bringing real-time intelligence to the point of sensing in any form factor, alongside any host processor.

Ultra-Low Power

Akida delivers microsecond response at mW operation, so always-on inference fits battery, thermal, and bandwidth budgets other accelerators exceed.

Customer Choice

Akida ships as IP, chips, and modules. Customers pick the form that fits their roadmap and volume; same architecture across all three, so no lock-in.

Plug and Play

Standards-based interfaces, open-source drivers, ready-to-run models, mature tooling. Less integration effort, shorter path to design-win.

Hybrid Compute

Akida works alongside CPU and GPU, routing each task to the processor that runs it best. The shortest path from sensor to action.

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BrainChip's approach to **Edge AI** is built around three defining principles:



Physical AI

Intelligence that interacts directly with the physical world through sensor data (vision, audio, radar, vibration) at the edge.



Always-On

Continuous, real-time intelligence for battery-constrained devices without "wake-up" lag or high-idle power.



Data Sovereignty

Security and control at the **corporate and personal level.** By processing data locally on-chip, sensitive information never leaves the device.

Together, these three pillars define BrainChip's vision for Edge AI

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A Complete AI Solution Stack

BrainChip is a "Silicon-to-Solution" partner, providing a comprehensive ecosystem for edge AI deployment.

platforms **Reference Platforms**	Reference designs **for Radar**, **AkidaTag**, and **Communications**.
tools **Hardware Developer Kits**	Plug-and-play AKD1500 and AKD1000 modules including **PCIe**, **M.2**, and **Akida Dev Kits** (compatible with **Raspberry Pi 4** and **Raspberry Pi 5**).
models **Models**	Pre-optimized models for **See** (Vision), **Hear** (Acoustic), and **Sense** (Sensor Fusion/Vibration).
tools **Akida Tools**	**MetaTF™ & Meta ONNX:** Complete ML frameworks for converting, quantizing, and deploying models. **Akida Cloud:** Test, benchmark, and validate Akida IP on Akida Cloud.
chips **Akida Silicon**	**AKD1500:** Our latest production-ready edge AI co-processor chip designed for extreme efficiency.
cores **License IP**	**Akida™ Neuromorphic Processor IP:** Scalable NPU cores for integration into custom SoCs and ASICs.

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Key Markets



Autonomous

Low-latency perception for drones, robotics, and ADAS.



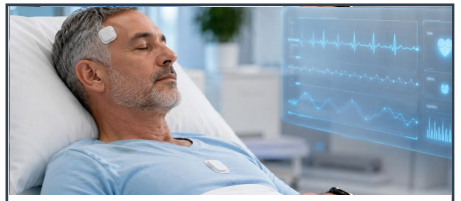
Industrial/ Commercial

Anomaly detection and predictive maintenance for IoT.



Defense

Secure, local signal processing and mission-critical intelligence.



Medical

Always-on wearables for vital sign prediction and health monitoring.



Consumer

Privacy-first smart home devices and "Always-On" triggers.

The BrainChip Advantage

On-Chip Learning

The unique ability to learn and adapt to new data patterns directly on the device, independent of the cloud.

Privacy & Security

Processing data locally at the source (the edge) ensures sensitive personal data never leaves the device itself.

Scalability

Our architecture scales from sub-milliwatt Akida Pico sensor tasks to complex edge GenAI workloads.

On-Chip Learning

The unique ability to learn and adapt to new data patterns directly on the device, independent of the cloud.

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Boilerplate

BrainChip is the worldwide leader in edge AI on-chip processing and learning. The company's first-to-market, fully digital, event-based AI processor, **Akida™**, uses neuromorphic principles to analyze only essential sensor inputs at the point of acquisition, processing data with unmatched efficiency, precision and energy economy.

BrainChip's technology is deployed across industries including aerospace, defense, industrial IoT, healthcare, consumer devices, and wearables. Explore more at www.brainchip.com.

Deep Technical Expertise

- **Headcount 80%+ Engineers**
- **58% Advanced Degrees** (PhD/MSc)
- **Strong Patent Portfolio**
  - **57 Issued and Pending**
- **Prior Industry Expertise**

Our Brain Power



Sean Hehir
Chief Executive Officer



Steven Brightfield
Chief Product Officer



Ken Scarice
Chief Financial Officer



Johnathan Tapson
Chief Development Officer



James Shields
Vice President of Sales and Business Development



Todd Vierra
Vice President of Customer Engagement



Gail Miller
Marketing Director

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Thank You

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