



ASX Announcement

AI and Semiconductor Webinar Presentation

Sydney, Australia – 22 September 2026 – BrainChip Holdings Ltd (ASX: BRN, OTCQX: BRCHF, BCHPY) a global leader in ultra-low power, fully digital, event-based neuromorphic AI, is pleased to be presenting as part of the Pitt Street Research AI & Semiconductors: ASX-Listed Stocks Investor Webinar from **11.45am (AEST)** today.

Sean Hehir, CEO, will refer to the attached presentation.

Access to the webinar

Investors are invited to attend. The webinar can be accessed [here](#).

Authorisation

This announcement has been authorised for release by the Board of Directors.

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About BrainChip Holdings Ltd (ASX: BRN, OTCQX: BRCHF, ADR: BCHPY)

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 mimic the human brain, analysing only essential sensor inputs at the point of acquisition and processing data with unmatched efficiency, precision, and energy economy. BrainChip's Temporal Event-based Neural Networks (TENNs) build on State-Space Models (SSMs), deliver time-aware, event-driven intelligence optimized for scalable, real-time streaming applications. These innovations make low-power Edge AI deployable across industries such as aerospace, autonomous vehicles, robotics, industrial IoT, consumer devices, and wearables. BrainChip is advancing the future of intelligent computing, bringing AI closer to the sensor and closer to real-time.

Explore more at www.brainchip.com.

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AI and Semiconductors

ASX-Listed Stocks Investor Webinar

Sean Hehir
CEO

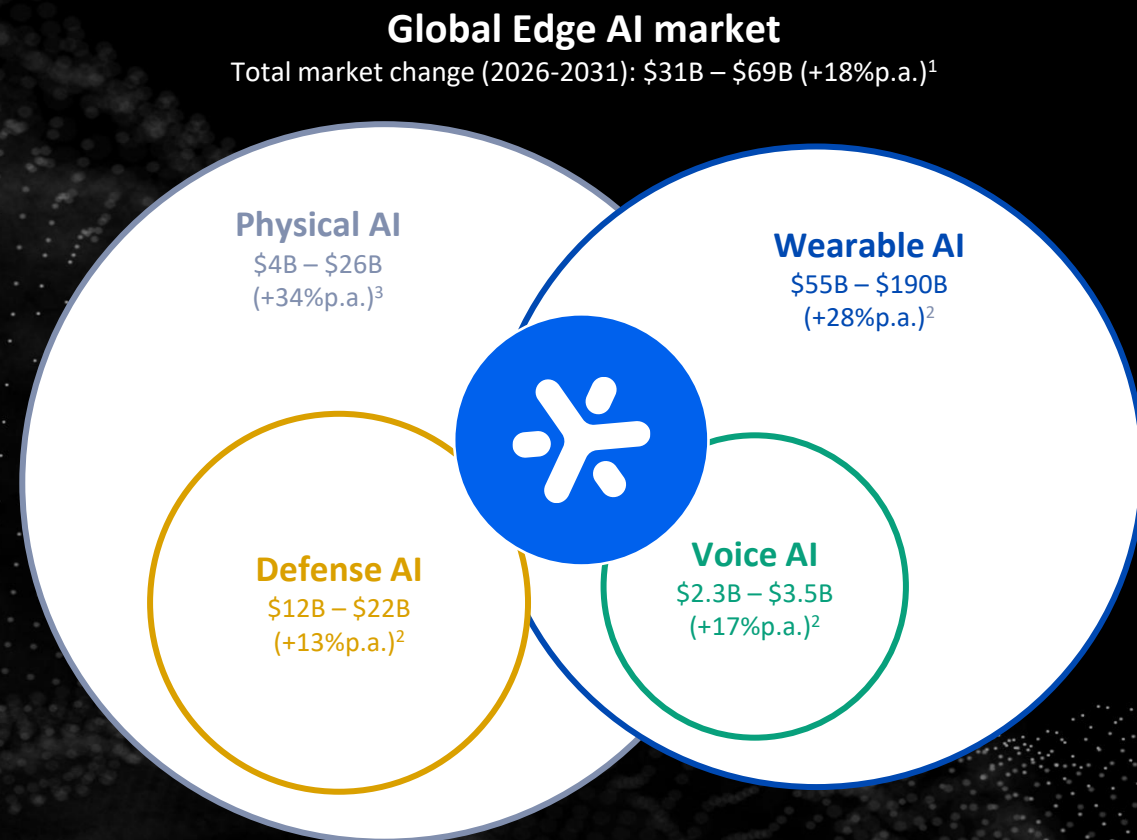
22 September 2026



Edge AI – an early growth story

AI is moving from the cloud into physical devices (the Edge)

- * Demand for AI growing exponentially
- * Data centre cost, power and latency constraints increasing
- * Privacy and data sovereignty requirements increasing
- * Every industry is independently racing toward edge intelligence



1. MarketsandMarkets; 2. Grand View Research; 3. Acumen Research.

Why BrainChip? Event-driven technology

BrainChip's event-based processing significantly reduces power consumption and latency

1st to commercialise neuromorphic

BrainChip in the market with a range of leading products/services enabling edge AI

Protected IP advantage

67 patents either secured or under review

Customer choice

Modules, Chips, IP – solutions tailored to customer requirements

Plug and Play

Hardware, software and easy-to-run modules

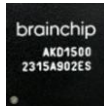
Power, latency + privacy

Advanced event-based processor responds quickly at ultra-low power

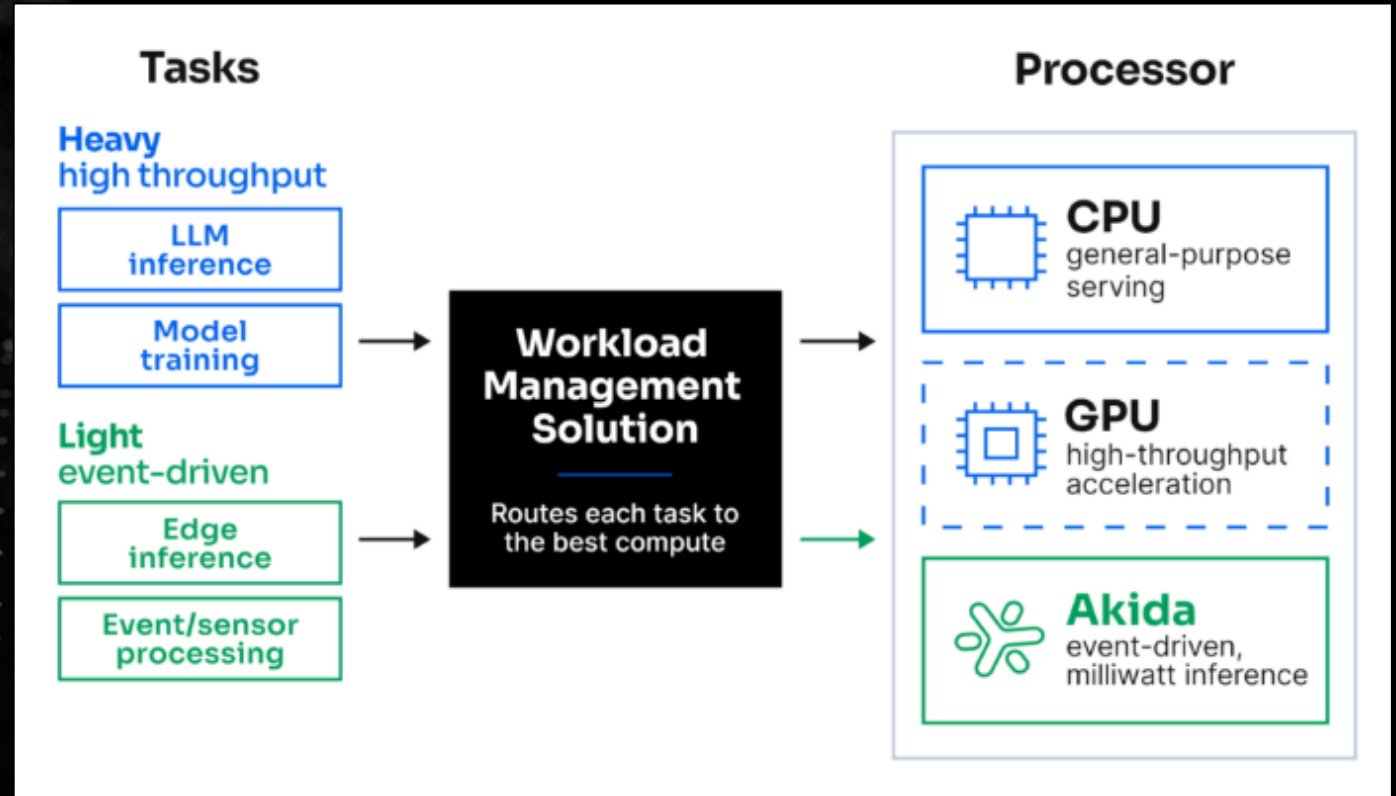
Hybrid compute

Even more efficient when tasks routed between CPU, GPU and Akida

Scalable Platform from IP to Solutions

platforms Reference Platforms	 Akida Comms	 AkidaTag	 Akida Radar			
tools Dev. Kits	 AKD1500 M.2 Card	 AKD1500 PCIe Card	 AKD1500 Raspberry Pi 5 Dev. Kit	 AKD1000 M.2 Card	 AKD1000 PCIe Card	 AKD1000 Raspberry Pi 5 Dev. Kit
models Models	 See	 Hear	 Sense			
tools Tools	 metaTF	 metaONNX	 akida cloud			
chips Silicon	 AKD1500 Edge AI Co-Processor	 AKD1000 Edge AI SoC (System-on-Chip)				
cores License IP	 akida 1	 akida pico Low Power Core	 akida 2	 sequora		

- * Hybrid computing is about balancing workloads across Akida, CPU and GPU to significantly improve computational efficiency and inference latency
- * BrainChip released the IBM Spectrum Symphony Community Akida bundle on Git Hub
- * Akida/Symphony success can be extended to other workload management solutions (like Kubernetes)

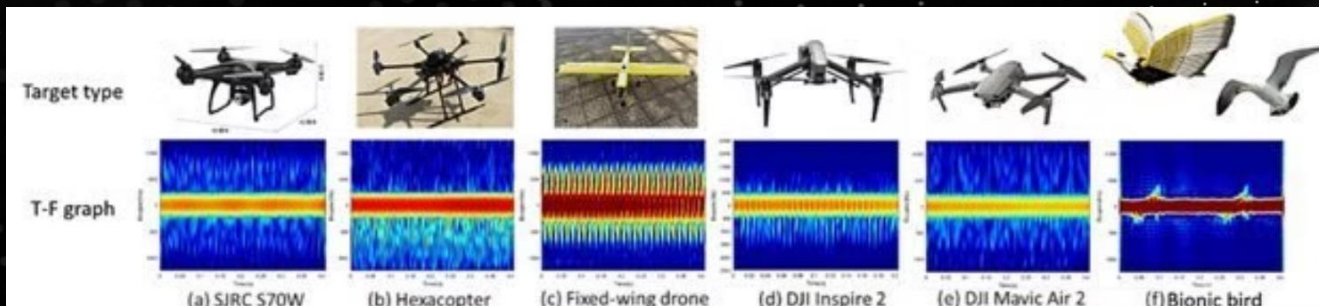


⚠ The Challenges

- * Counter-drone false alarms cost \$1.8-\$2.0b annually
- * Existing solutions can't distinguish threats from noise in real time without cloud

★ The Solution

- * Akida can deliver real-time drone classification on-device
- * Each object is uniquely identified in an instant





Onsor Nexa

Predicting Epileptic Seizures



Proactive Health Management



Freedom & Independence



Future-Proof



GR801

First Neuromorphic AI Solution for Space

⚡ Pioneering AI for Extreme Space Exploration

⚡ Unprecedented Power Efficiency

Enhanced Mission Capabilities

FRONTGRADE





Leader in Edge AI technology
providing IP, Silicon, Software
and solutions



Strong industry trends
maturing the
Edge AI market



Strategic traction
in key verticals
Defense, Wearables, Space
and others

Questions





brainchipTM✱



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