

The World's Best Edge AI Processors

Unprecedented AI Performance on the Edge

Hailo offers breakthrough AI processors uniquely designed to enable high performance deep learning applications on edge devices.

Our processors are geared towards the new era of generative AI on the edge, in parallel to enabling perception and video enhancement through our wide range of AI accelerators and vision processors.

Founded in
2017



2nd Generation
in mass production

>300
Customer Programs



\$340M
funding including
NEC & ABB



>10x
Revenue Growth
2021-2023

>250

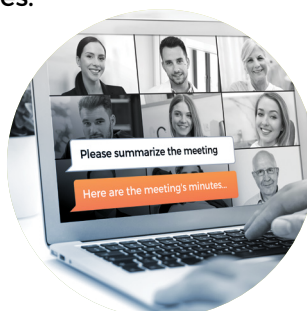


ISRAEL • UNITED STATES • EUROPE • SOUTH KOREA • CHINA • TAIWAN • JAPAN

Selected by Technology Leaders

The Hailo AI processors are designed to fit into a multitude of smart machines and devices, such as intelligent IP cameras, personal computers, edge compute devices and driving safety systems, impacting a wide array of sectors including automotive, industrial automation, security and retail.

Among our customers and partners are world-leading OEMs, ODMs, Tier 1s and software vendors across these industries.



Empowering Edge Devices with AI

Hailo offers a range of edge AI processors



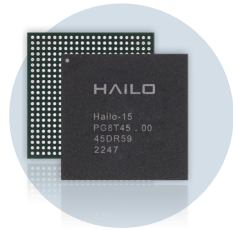
AI Accelerators

Co-processors that integrate with edge platforms, empowering real-time deep learning inference tasks, ranging from discriminative tasks on the edge, with low power consumption, and high cost-efficiency.



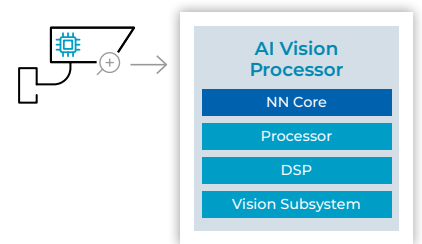
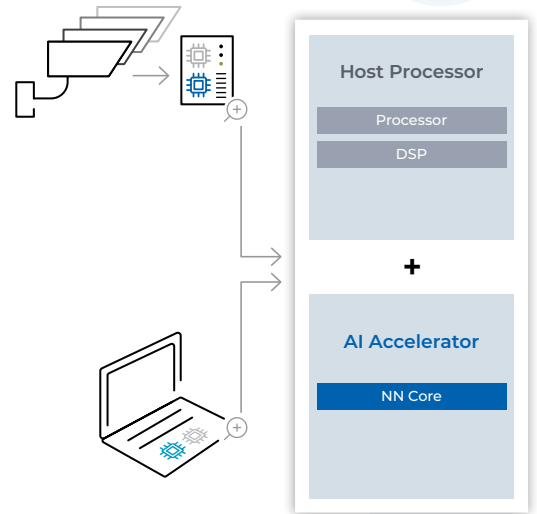
Generative AI Accelerators

Smallest available GenAI accelerator, in a standard M.2 form factor, supporting a wide range of transformer models and LLMs in particular. Bringing AI to the edge through cost-efficient and low power consumption processor, ideal for the personal computer and automotive industries.



AI Vision Processors (VPUs)

AI-centric camera SoCs with high performance AI processing supporting AI image enhancement and AI-driven video pipelines and rich analytics in a camera power and cost envelope.



Powerful

- High performance AI processing, ranging from 7 to over 200 TOPS*
- Enabling real-time, low latency AI inferencing on edge devices



Versatile

- Enables complex AI processing pipelines (multi-source & multi-task)
- Extended temperature range for industrial & automotive** applications



Easy to Use

- Comprehensive and mature AI software suite
- Common machine learning development framework support
- Wide range of interfaces & runtime frameworks
- Rich neural network model zoo



Efficient

- Highest cost-efficiency FPS (TOPS/\$) compared with existing solutions
- Best-in-class power efficiency (FPS/W)

* Tera Operations Per Second ** Hailo-8 is AEC-Q100, Grade 2

HAILO

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Product inquiry

