



Hailo-10H M.2 Key M ET AI Acceleration Module

**Immersive generative AI experience
on the edge**



Key Features & Benefits

High-performance processing
of vision and generative AI models

Featuring the Hailo-10H AI
accelerator with 40|20 TOPS (INT4|8)

Best-in-class power efficiency;
Consumes 2.5W (typical)

First to market AI accelerator
with generative AI
capabilities

Second generation of
Hailo's market leading AI
accelerator

Robust and mature software
suite, supported by the world's
largest edge AI community

Industrial grade,
supporting -40°C to 85°C

Always On - AI on the Edge

Local AI processing enables:



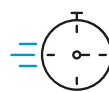
Cost Efficiency

- Reduce bandwidth consumption
- No paid subscription to cloud-base AI tools



Availability

Continues access to essential applications,
even in offline mode



Responsiveness

Low latency and enhanced user
experience



Privacy

No transmission of personal and
business-sensitive data to cloud

Technical Specifications

Form factor

M.2 Key M (2242, 2280)

Interface

PCIe Gen-3.0, 4-lanes (x4)

ON-Module DDR

4|8GB LPDDR4/4X

Supported host architectures

x86 or ARM

Supported AI frameworks

TensorFlow, TensorFlow Lite, Keras,
PyTorch & ONNX

Supported operating systems

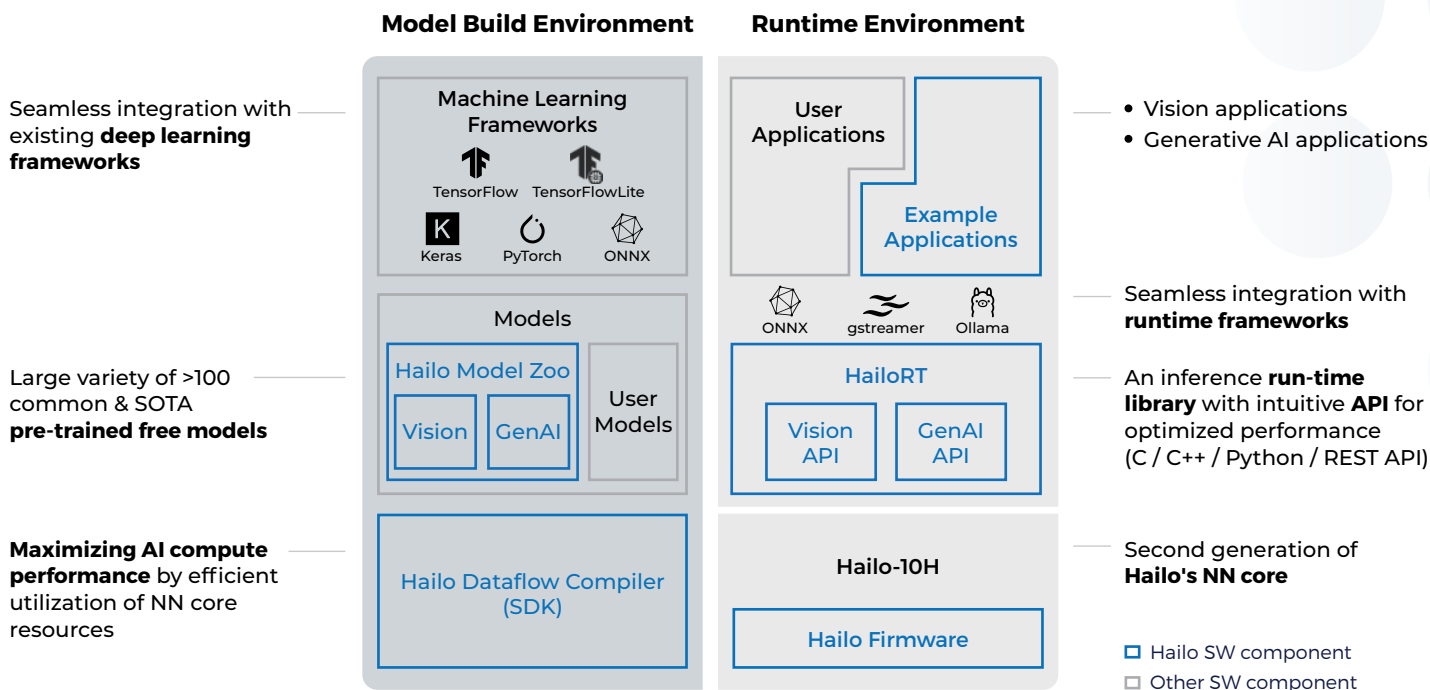
Linux, Windows, Android

Featuring the Hailo-10H AI Accelerator

The Hailo-10H unique, powerful and scalable structure-driven dataflow architecture takes advantage of the core properties of neural networks. It enables edge devices to run deep learning applications at full scale more efficiently and effectively than traditional solutions, while significantly lowering costs.

Comprehensive Software Suite

AI software suite which seamlessly integrates with existing deep learning development frameworks to allow smooth and easy integration in existing development ecosystems. The Hailo AI software suite includes:



Hailo Ecosystem

Hailo collaborates with leading partners to seamlessly integrate their products with ours, creating easy-to-use, dependable, and highquality solutions that adhere to the industry's most rigorous standards. Our extensive network of high quality partners covers various regions and market segments, delivering innovative solutions to our customers.

To view our extensive network [click here](#)

System Usage

M.2 module connected to the various types of host processors via PCIe.

