HAILO

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

Responsiveness
Low latency and enhanced user experience

Availability
Continues access to essential applications, even in offline mode

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)

Supported AI frameworks
TensorFlow, TensorFlow Lite, Keras, PyTorch & ONNX

ON-Module DDR
4|8GB LPDDR4/4X

Supported host architectures
x86 or ARM

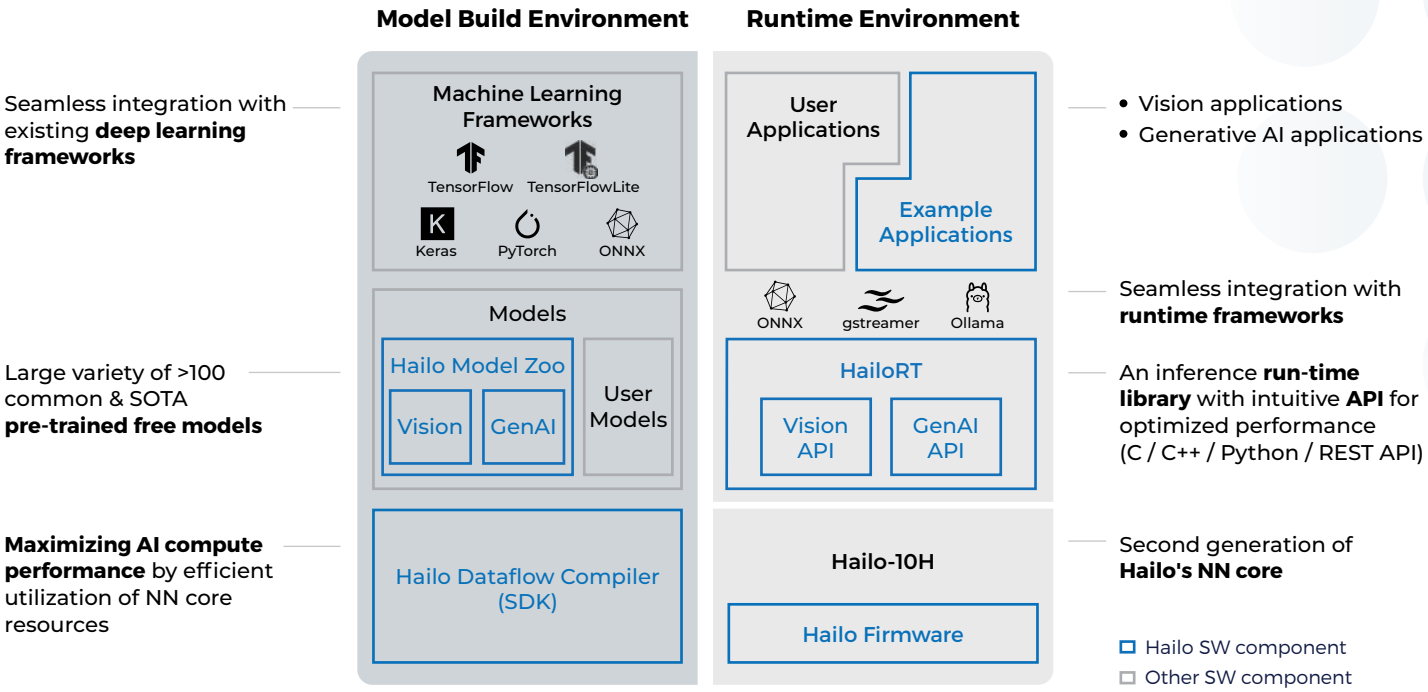
Supported operating systems
Linux, Windows, Android

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:



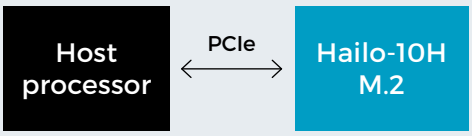
Hailo Ecosystem

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.



Click here for more information & product inquiry

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