

EAI-2300

Hailo-8™ MXM 3.1 Type A AI module



Features

- 52 TOPS powered by dual Hailo-8 NPU
- Slim type MXM 3.1 Type A
- -40~70°C operating temp. with optional fansink
- Max. 20W power consumption
- Rich AI Development Toolkits for Runtime SDK integration, Model Convert, and Pre-trained AI application

HAILO EdgeAI SDK

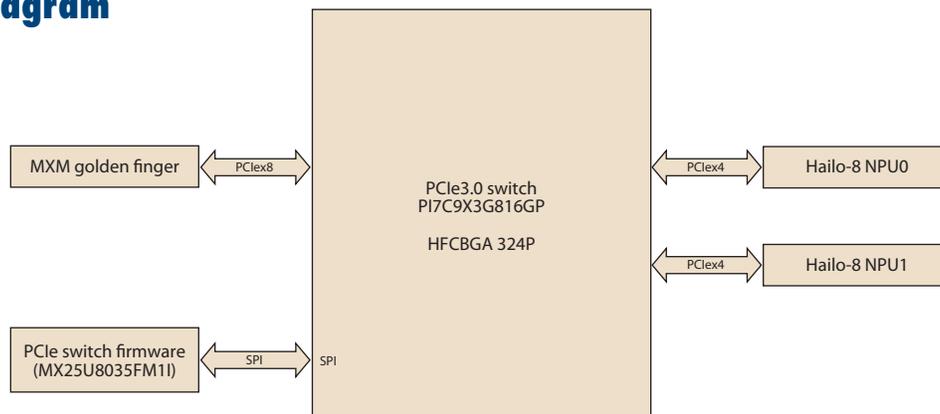
CE FC

Specifications

		EAI-2300-00A1U
Processor	AI Accelerator	Dual Hailo-8™ NPU
	INT8 Peak Performance	52 TOPS
Signal Interface	PCI Express	PCI Express Gen3 x8
Power	Power Consumption	Max. 20W among Hailo supported models
Operating Environment	Temperature	-40 ~ 70°C (Non-Throttling)*
	Humidity	40 °C @ 85% relative humidity (non-condensing)
Thermal Solution	Cooling	Fansink (option) Heat spreader (option)
	Form Factor	MXM 3.1 Type A
Physical	Dimensions	82 x 70 mm
	Power Range	7-20V
	Windows	Windows 11,10 64 bit
Software Support	Linux	Ubuntu 24.04, 22.04 LTS
	Framework	Support TensorFlow, TensorFlow Lite, ONNX, Keras, Pytorch by Dataflow compiler converted
System Support	CPU platform	X86 or ARM based

*Note: According to operating temperature tests performed with EAI-2300 optional fansink

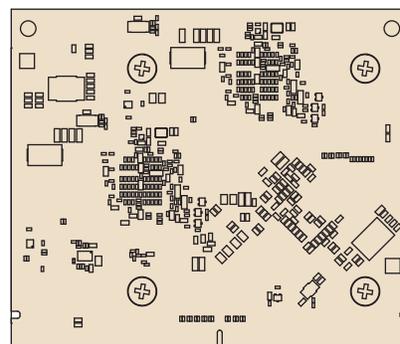
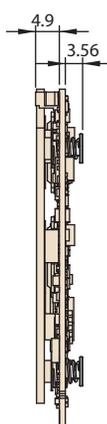
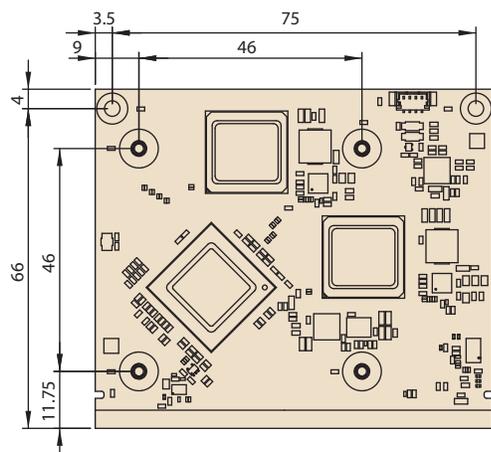
Block Diagram



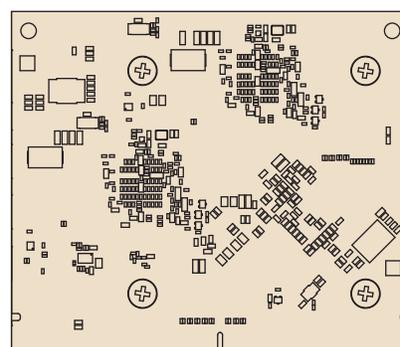
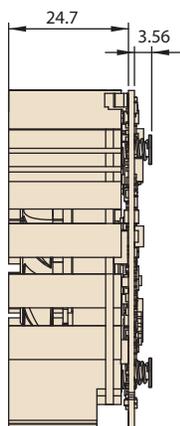
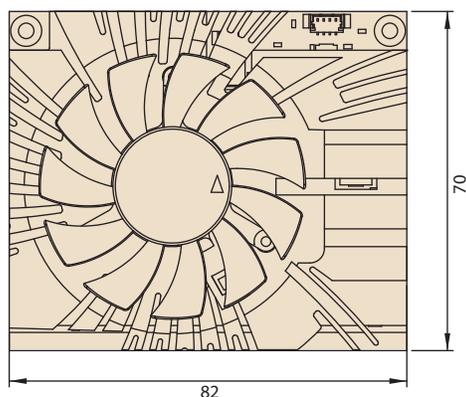
Dimensions

Unit: mm

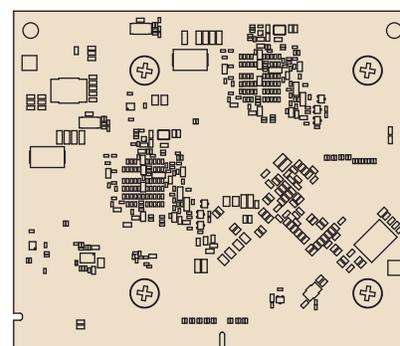
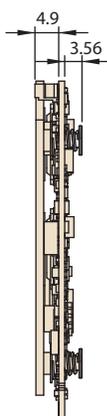
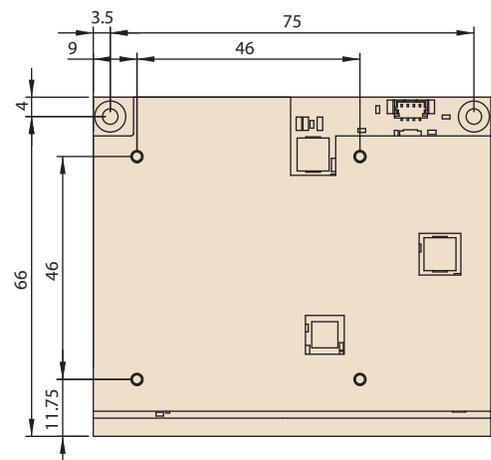
EAI-2300



EAI-2300 with Fansink (option)



EAI-2300 with Heat spreader (option)



Edge AI SDK

— To create a reliable & efficient development environment —

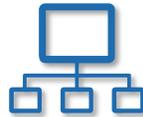
Effortlessly run AI inference



Inference Benchmark Tool

- No-code GUI utility
- Validated vision AI models
- Real-time workload monitoring

Remotely manage AI updates at scale



Inference Deployment Platform

- Visualized central MGMT platform
- OTA update for AI containers/apps
- RESTful APIs for MLOps integration

Efficiently start to implement AI



Inference Runtime SDK

- Compatible ubuntu & drivers
- Essential & compatible SDKs
- Single installer for drivers & SDKs

Effectively get instant services



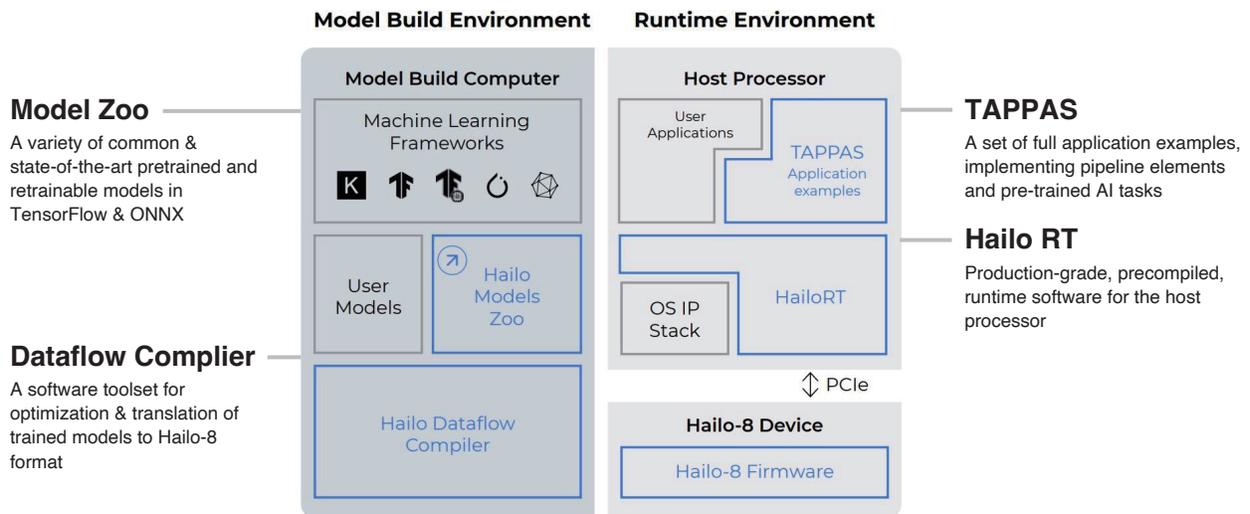
Global Customer Support

- System reliability certification
- Inference computing enablement
- Edge-to-cloud scalability collaboration

Find More Information about [Edge AI SDK](#)

Hailo AI Software Suite

— To easily build model, convert model, implement pre-trained example —



Find More Information about [Hailo AI Software Suite](#)

Ordering information

Part Number	Description
EAI-2300-00A1U	MXM 3.1 Type A Hailo-8 AI module

Optional items

Part Number	Description
1970005694T011	Fansink for EAI-2300