

EAI-1200

Hailo-8™ M.2 AI Acceleration Module (Bundling SKU)

NEW



Features

- 26 TOPS delivered by Hailo-8 NPU
- M.2 key B+M 2242
- M.2 key A+E 2230
- -40~65°C operating temp. with optional heatsink
- Typical 2.5W low power consumption
- Rich AI Development Toolkits for Runtime SDK integration, Model build, Model Convert, and Pre-trained AI application

HAILO EdgeAI
SDK

CE FC

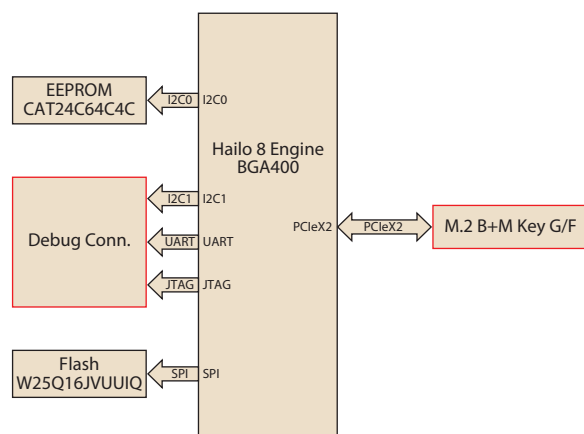
Specifications

		EAI-1200-00A1	EAI-1200-00B1U
Processor	AI Accelerator	One Hailo-8™ NPU	
	INT8 Peak Performance	26 TOPS	
Signal Interface	PCI Express	PCIe Gen3 x2 (up to 16 Gbs) *Compatible to PCIe x1	
Power	Power Consumption	Typical 2.5W, Max.5W among Hailo supported models	
Operating	Temperature	-40 ~ 85°C (Throttling), with 0.7m/s air flow	
		-40 ~ 65°C (Non-Throttling), with 0.7m/s air flow*	
Environment	Humidity	40 °C @ 85% relative humidity (non-condensing)	
Thermal Solution	Cooling	Heatsink (option)	
Physical	Form Factor	M.2 2242 (Key B+M)	M.2 2230 (Key A+E)
	Dimensions	22 x 42 x 2.63 mm	22 x 30 x 2.63 mm
	Power Range	3.3V±5%	
Software Support	Windows	Windows 11,10 64 bit	
	Linux	Ubuntu 22.04, 20.04 LTS	
	Framework	Support TensorFlow, TensorFlow Lite, ONNX, Keras, Prytorch by Dataflow complier converted	
System Support	CPU platform	X86 or ARM based	

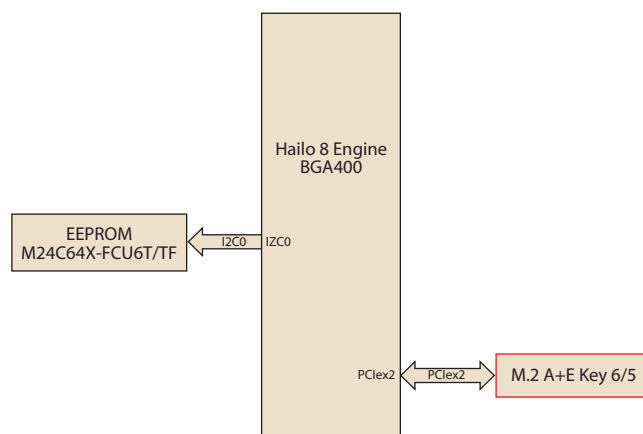
*Note: According to operating temperature tests performed with optional heatsink (P/N: 1970005996N001)

Block Diagram

EAI-1200-00A1 (M.2 key B+M)



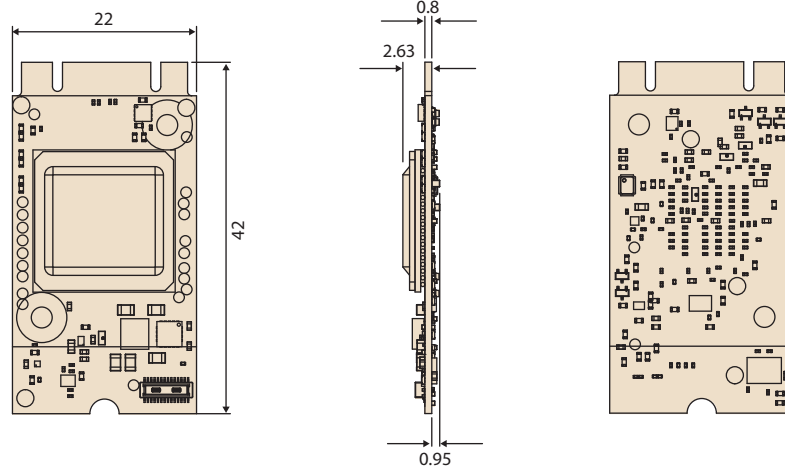
EAI-1200-00B1U (M.2 key A+E)



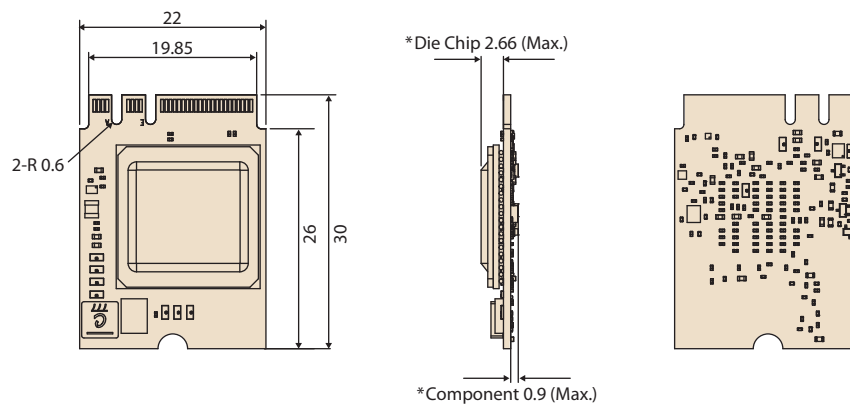
Dimensions

Unit: mm

EAI-1200-00A1 (M.2 key B+M)



EAI-1200-00B1U (M.2 key A+E)



EdgeAI 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



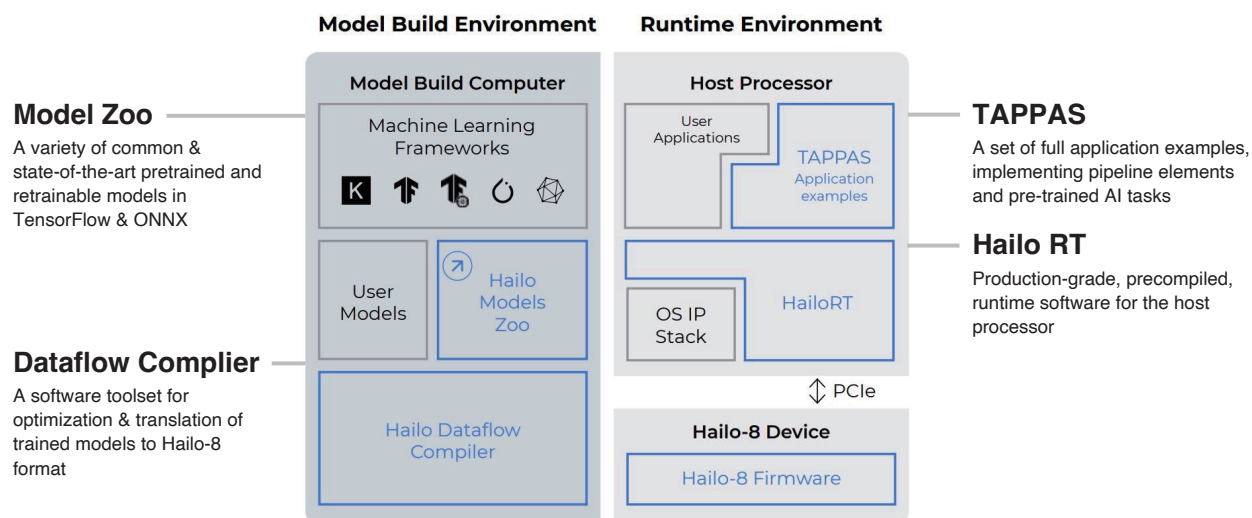
Global Customer Support

- 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-1200-00A1	M.2 key B+M 1x Hailo-8 AI module for Bundling
EAI-1200-00B1U	M.2 key A+E 1x Hailo-8 AI module for Bundling

Find more Hailo M.2 module offerings [here](#)

Optional items

Part Number	Description
1970005996N001	Heatsink for Hailo-8 M.2 AI module key B+M
1960103315N020	2242 to 2280 extension bracket