

EAI-3300

PCIe x16 Hailo-8™ AI Acceleration Card

Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

- 1 x EAI-3300 AI acceleration card with active fan and half-height PCIe bracket installed
- 1 x Startup Manual
- 1 x China RoHS

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Note: For information regarding Hailo AI software tool-kits, you can download the package at this URL: <https://originwww.advantech.com/en/search/?q=EAI-3300&st=support>

Product Photo



For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>

For technical support and service, please visit our support website at:

<http://www.advantech.com/support>

This manual is for the EAI-3300.

Part No. 2046330000
Printed in Taiwan

1st Edition
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Specifications

Product	EAI-3300-01A1
AI Accelerator	2 x Hailo-8™ VPU
Performance (INT8)	52 TOPS
Signal Interface	PCIe Gen3, platform requires Bifurcation x8x8
Form Factor	PCI Express x16
Dimensions (L x H x W)	145 x 68.9 x 18.42 mm, single slot
Operating Temp.	-40 ~ 70°C
Max. Power Consumption	Up to 15 watts
Thermal Solution	Cooler with Single Active Fan
OS Support	Windows 11, 10 64-bit Ubuntu 24.04, Ubuntu 22.04 LTS
Framework Support	TensorFlow, TensorFlow Lite, ONNX, Keras, PyTorch dataflow compiler converted

Motherboard Requirements

- Hardware:
 - CPU Architecture: **x86 or ARM AArch-64 based**
 - Required for **PCIe Bifurcation mode (x8/x8)**
- OS:
 - Windows 11/10 64-bit
 - Ubuntu 24.04, 22.04 LTS

Notes:

Please check in advance if your motherboard supports PCIe bifurcation mode.

Software Toolkits

Hailo AI Software Suite

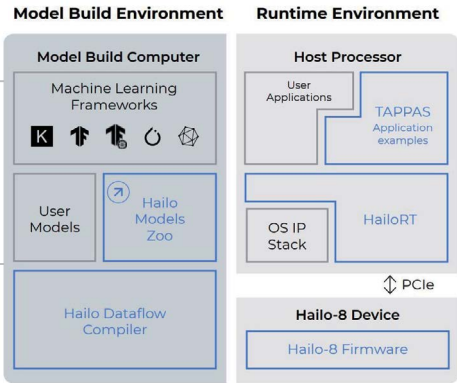
To easily build model, convert model, implement pre-trained example

Model Zoo

A variety of common & state-of-the-art pretrained and retrainable models in TensorFlow & ONNX

Dataflow Compiler

A software toolkit for optimization & translation of trained models to Hailo-8 format



TAPPAS

A set of full application examples, implementing pipeline elements and pre-trained AI tasks

Hailo RT

Production-grade, precompiled, runtime software for the host processor

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

Dimensions

