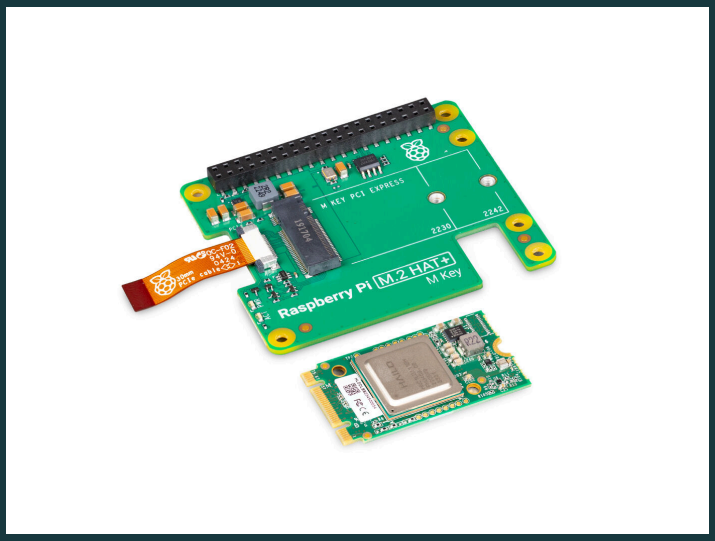
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INDUSTRIAL PRODUCT DATASHEET

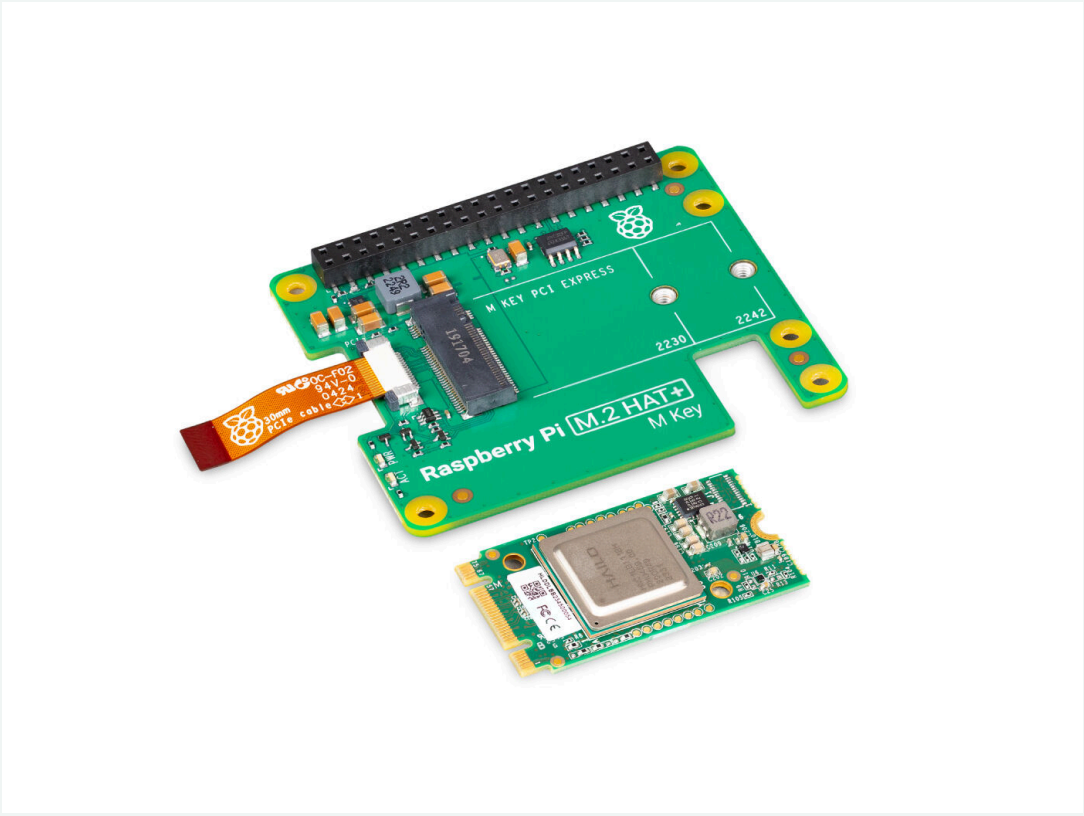
Raspberry Pi AI Kit

[image] The Raspberry Pi AI Kit bundles the Raspberry Pi M.2 HAT+ with a Hailo AI acceleration module.

SKU	UPDATED	PRICE
113060086	2026-11-11 09:41:25	$70.00(Excl. VAT)



Overview



[image] The Raspberry Pi AI Kit bundles the Raspberry Pi M.2 HAT+ with a Hailo AI acceleration module. It's designed for Raspberry Pi 5, but you can also elevate your Raspberry Pi CM4 edge IoT devices with M.2 slots, like reComputer R1000, to the AI level through additional AI capabilities and SSD storage.

Key Features

01 **13 Tera-Operations Per Second**

Contains a neural network inference accelerator capable of 13 tera-operations per second (TOPS)

02 **Fully Adapted Camera**

Fully integrated into Raspberry Pi's camera software stack

03 **Good Heat Dissipation Effect**

Thermal pad pre-fitted between module and HAT+ spreads heat across components, improving performance

04 **Reserved Interface**

Supplied with 16mm stacking header, spacers, and screws to enable fitting on Raspberry Pi 5, CM4-powered IoT gateway & Controller

05 **Use this kit to build your AI edge IoT Gateway & Controller**

Powered by Raspberry Pi CM4

06 **reComputer R1000**

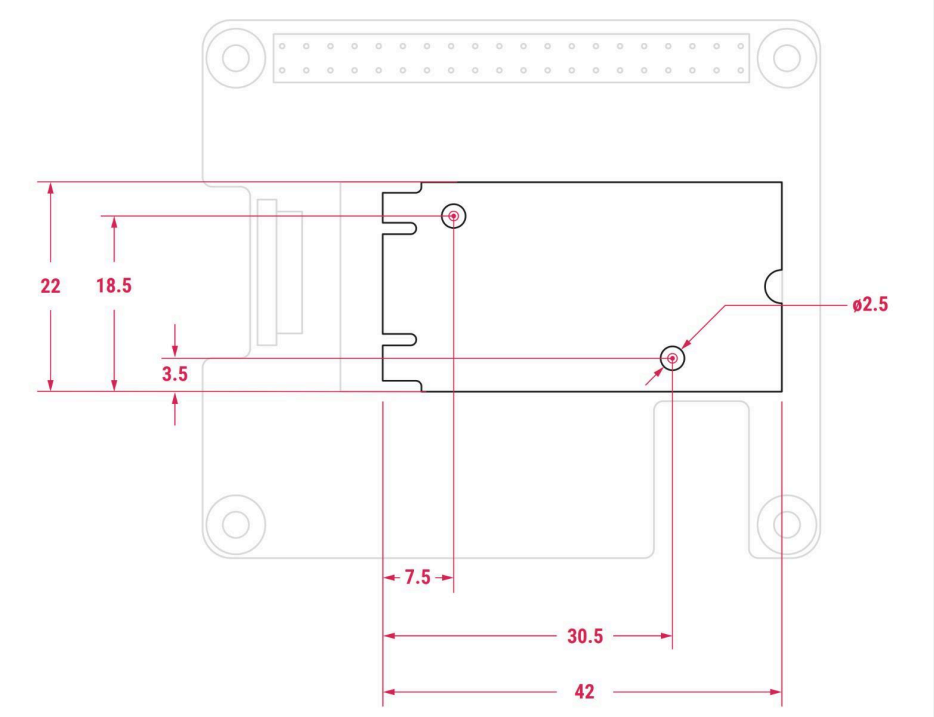
07 **reComputer R1100**

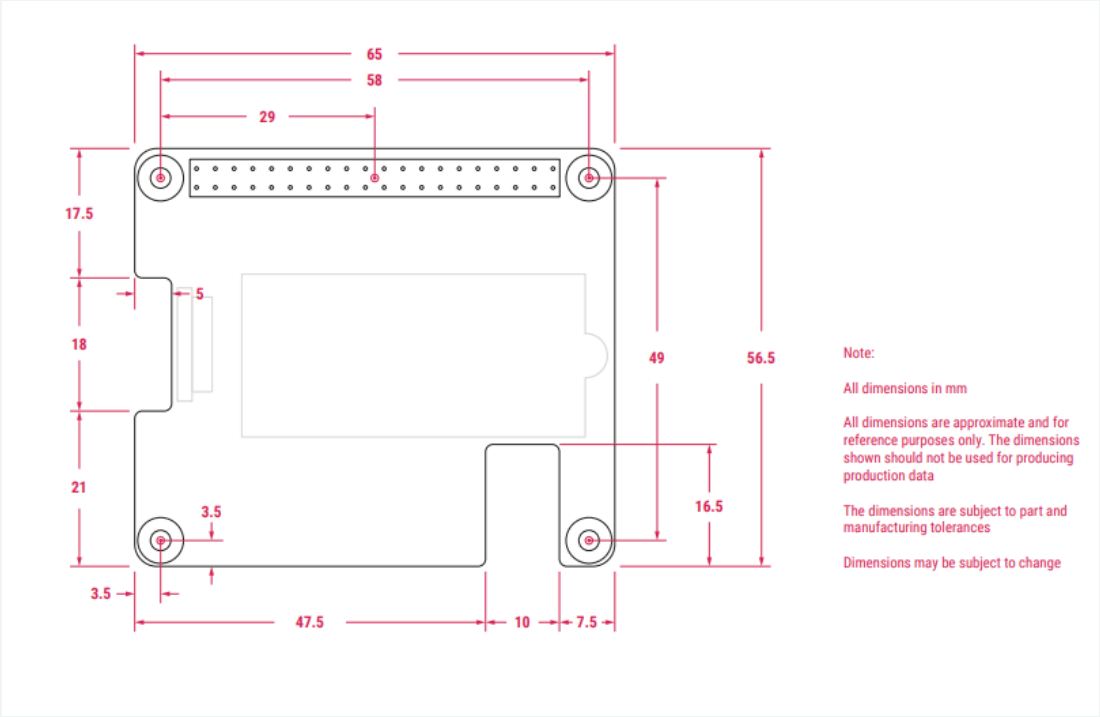
Product Gallery





Hardware Overview





Applications

- **Tutorial of AI Kit with Raspberry Pi 5 about YOLOv8n object detection**
- **YOLOv8 Object Detection on reComputer R1000, the CM4 Powered Gateway & Controller with Hailo-8L**
- **YOLOv8 Pose Estimation on reComputer R1000, the CM4 Powered Gateway & Controller with Hailo-8L**
- **Pose-Based Light Control with Node-Red and Raspberry Pi with AI kit**

Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-AI-Kit-p-5900.html
- Raspberry Pi AI Kit
- Raspberry Pi M.2 HAT+
- Hailo AI Module

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