New to Raspberry Pi AI/IoT? Start with Seeed!

Trusted Raspberry Pi Edge AI Device and Customization Services Provider

Edge Controllers

Edge AI Computers

Other Devices

Raspberry Pi Original

Raspberry Pi Compatible

reComputer AI R Series

The World's Most Powerful RPi AI Box

reComputer AI R21
Powered by RPi 5, 26 TOPS Hailo-8 AI accelerator

reComputer AI Industrial R21
Powered by RPi CM5, 26 TOPS Hailo-8 AI accelerator

- Up to 16GB RAM & M.2 Slot for AI extension
- 4k 60fps H.265 decoder, 2-8 real-time (720p) multi-stream inferences
- 2x HDMI, 1x Gigabit Ethernet, 2x USB 3.0
- PoE*, 4G/LoRa*, TPM*, and RTC* for industrial version

reComputer R Series

RPi CM4 Edge IoT gateway & controller

reComputer R10
Perfect Fit for Smart Building, Energy Management, and Remote Access Control

reComputer R11
The Most Adaptable RPi Edge IoT Gateway for The Most Diverse Industrial Landscapes

- Up to 8GB RAM & 32GB eMMC
- Industrial interfaces with RS485/RS232, Ethernet Ports, HDMI, USB2.0
- Wi-Fi*, BLE*, LoRaWAN®*, Zigbee*, 4G LTE*
- TPM2.0/ATECC608A*, Hardware Watch Dog, Metal Enclosure, EMC, PoE*, UPS*

reComputer Industrial R Series `NEW`

The World's Most Powerful and Reliable RPi Industrial-grade edge AI/IOT controller

reComputer Industrial R20
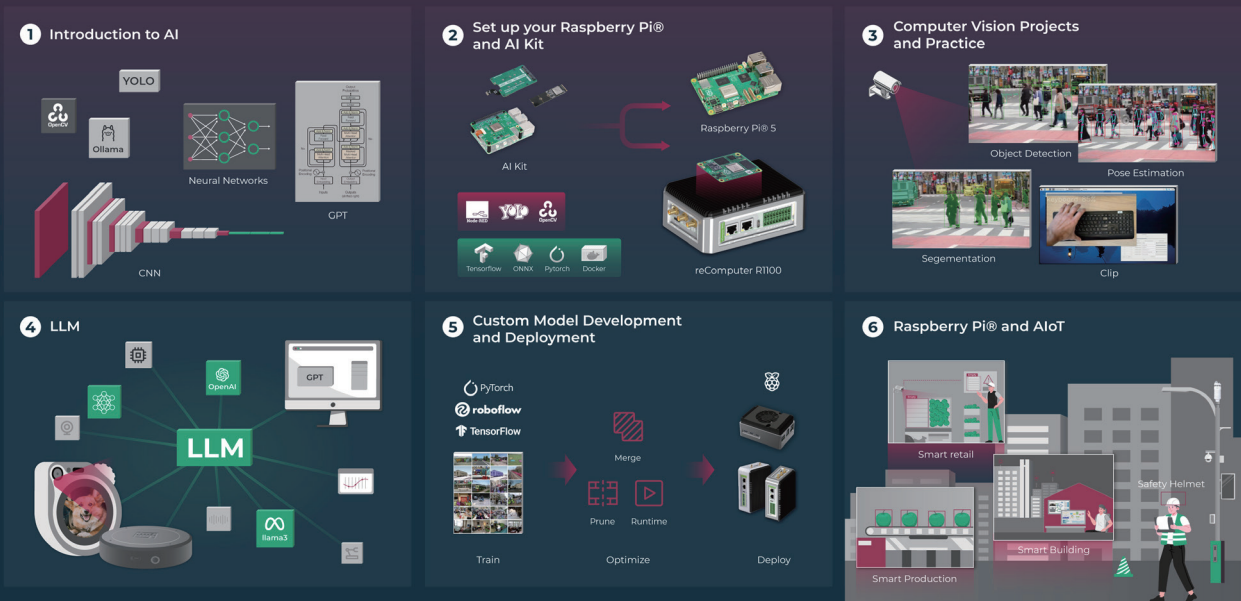Powered by RPi CM5, optional 26 TOPS Hailo-8 AI accelerator

reComputer Industrial R21
Powered by RPi CM5, optional 26 TOPS Hailo-8 AI accelerator

- Up to 16GB RAM & 64GB eMMC
- Powerful fanless cooling, -20°C - 65°C, engineered to handle the heat of RPi CM5 and demanding AI workloads
- Optional Hailo-8(26 TOPS), real-time & high-performance AI vision processing
- 3x RS485, 1x RS232, 8x DI/DO, dual Ethernet, 2x HDMI, hardware watchdog, UPS*, DIN-rail and wall mounting for industrial reliability
- Wi-Fi, BLE, LTE*, LoRa®*, Zigbee*, M.2 B-Key for 4G/5G

Items marked with * are optional features or components and require additional purchase.

Raspberry Pi® AI from Zero to Hero - Learn with Seed Github Course!

1 Introduction to AI

YOLO · OpenCV · Ollama · Neural Networks · GPT · CNN

2 Set up your Raspberry Pi® and AI Kit

AI Kit · Raspberry Pi® 5 · TensorFlow · ONNX · Pytorch · Docker · reComputer R1100

3 Computer Vision Projects and Practice

Object Detection · Pose Estimation · Segmentation · Clip

4 LLM

GPT · OpenAI · LLM · llama3

5 Custom Model Development and Deployment

PyTorch · roboflow · TensorFlow · Train · Merge · Prune · Runtime · Optimize · Deploy

6 Raspberry Pi® and AIoT

Smart retail · Safety Helmet · Smart Building · Smart Production

Tech Support   Business Enquiry   Story Sharing

Take this flyer with you!