

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 R20/R21

Powered by RPi 5, 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 AI Industrial R20/R21

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

reComputer R Series

RPi CM4 Edge IoT Gateway & Controller



reComputer R10

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

- 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 R11

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

reComputer Industrial R Series

The World's Most Powerful and Reliable RPi Industrial-grade Edge AI/IOT Controller/NVR



reComputer Industrial R20/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
- Hailo-8(26 TOPS), real-time & high-performance AI vision processing
- RS485/RS232, DI/DO, CAN FD, Ethernet, 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



reComputer Industrial R22 NEW

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

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, CNN, Neural Networks, GPT, OpenAI

2 Set up your Raspberry Pi® and AI Kit

AI Kit, Raspberry Pi 5, reComputer R1100

TensorFlow, OpenCV, PyTorch, Docker

3 Computer Vision Projects and Practice

Object Detection, Pose Estimation, Segmentation, Clip

4 LLM

LLM, GPT, OpenAI, llama3

5 Custom Model Development and Deployment

Train, Optimize, Deploy

PyTorch, roboflow, TensorFlow

Merge, Prune, Runtime

6 Raspberry Pi® and AIoT

Smart retail, Smart Building, Smart Production, Safety helmet



Contact

edge@seed.cc

Tech Support

Business Enquiry

Story Sharing

Take this flyer with you!

