Take this flyer with you

seeed studio

NVIDIA Elite Partner

Your AI Hardware Partner

Seeed Studio provides advanced perception system from IoT sensors to edge to cloud with decades hardware expertise, trusted by global developers and system integrators. Seeed also addresses specific solution needs through customization and partners with ISVs to deliver an ever-growing AI application portfolio, accelerating digital transformation through low-code and full support.

Open Hardware   **Custom Design**   **Edge AI Ecosystem**

Work with Ecosystem, Deliver Real-World AI

Designing an edge AI solution	Analysis of Requirements	Schematic PCB Design	Prototype	Firmware and System OS	AI Software Development	Test, Acceptance and Production	Over the Air Update	18-24 months

Using Seeed reThings series based on NVIDIA Jetson	Seeed Customization & Ecosystem Acceleration	6-9 months		Engineer Resources Occupied

Enrich Perception & Precise Control at the Edge

Large Models

Text Generation Image Generation Text + Vision Vision Transformer (ViT) Whisper Llamaspeak Deepseek
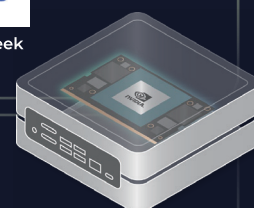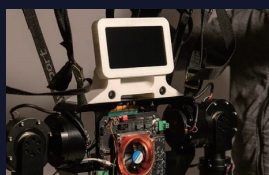
Robotics

AMR
Mapping in depth, precise navigation and route optimization.

Humanoid Robot
AI-driven gait control, balance, and dynamic movement, multimodal deployed for flexible human interaction.
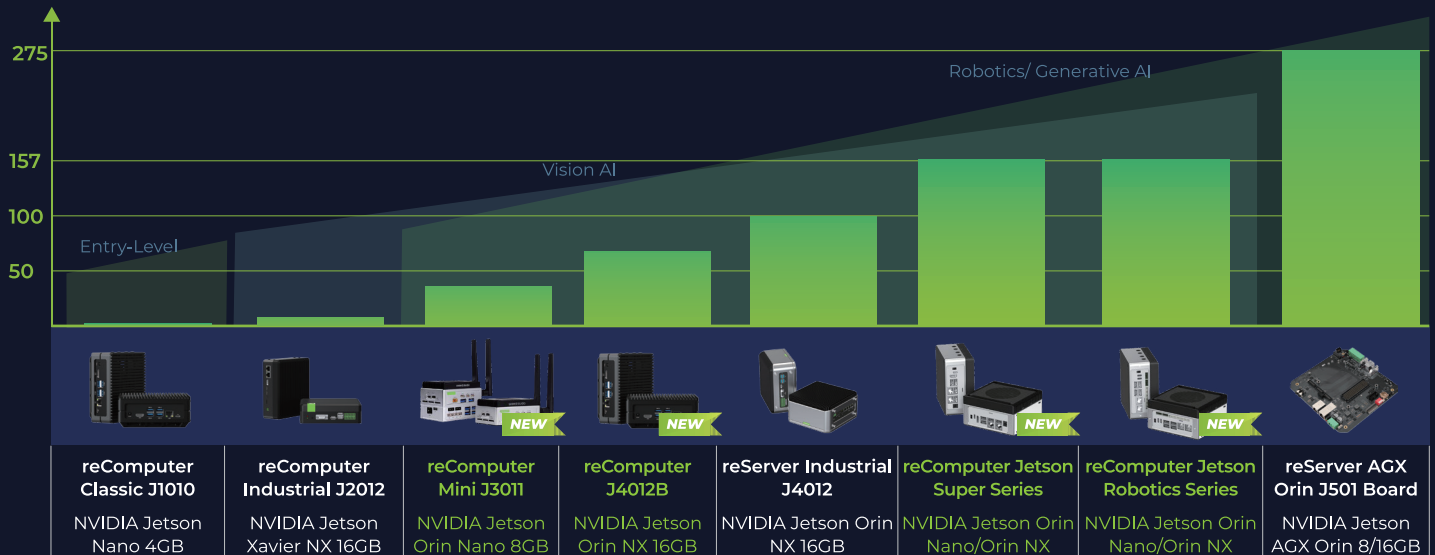
Manipulator
Accurate motion planning, real-time thinking strategy for adaptive tasks.

Edge AI Selection Guide

AI Performance (TOPS)

Robotics/ Generative AI

Vision AI

Entry-Level

reComputer Classic J1010	reComputer Industrial J2012	reComputer Mini J3011	reComputer J4012B	reServer Industrial J4012	reComputer Jetson Super Series	reComputer Jetson Robotics Series	reServer AGX Orin J501 Board
NVIDIA Jetson Nano 4GB	NVIDIA Jetson Xavier NX 16GB	NVIDIA Jetson Orin Nano 8GB	NVIDIA Jetson Orin NX 16GB	NVIDIA Jetson Orin NX 16GB	NVIDIA Jetson Orin Nano/Orin NX	NVIDIA Jetson Orin Nano/Orin NX	NVIDIA Jetson AGX Orin 8/16GB

reThings Series

reComputer Mini Jetson Series Tiny AI Computer to Empower Smarter Robot

Powered by Orin Nano/ Orin NX, from 20 TOPS - 100 TOPS AI performance

- Dual-channel CAN, RJ-45 Ethernet
- 4x USB ports up to 8 with expansion, designed for multi-sensor connections
- Support 12-54V DC input, can directly connect with 48V battery power supply

reComputer J30/J40 Classic Design

Powered by Orin Nano/ Orin NX, from 20 TOPS - 100 TOPS AI performance

- Rich interfaces with 4x USB3.2, GbE, M.2 KEY M/E, HDMI
- JetPack 5.1 pre-installed
- Certification: ROHS, CE,FCC, KC, UKCA, REACH

reComputer Jetson Robotics

Robotics Brain Reference Design   Powered by Orin Nano/Orin NX

NEW
- 19-54V power input
- 6 USB, 2 CAN, 1 GMSL for multi-sensor connection
- Pre-installed JetPack6.2 with MAXN performance on-device

Next Gen of reComputer

reComputer J401B

Adding-on mini PCIE for LTE module integration based on reComputer classic

NEW

reComputer Jetson Super

MAXN performance (up to 157 TOPS) upgraded on-device

NEW

reComputer Industrial For Harsh Environment

Powered by Xavier NX/ Orin Nano/ Orin NX, from 20 TOPS - 100 TOPS AI performance

- Fanless PC supporting -20 ~60℃
- Flexible mounting for seamless integration
- Industrial ports of 2x RJ-45 GbE, RS232/ 422/485, 1x CAN

reServer Powerful local inference center for vision AI and large language models

Powered by Orin Nano/ Orin NX, from 20 TOPS - 100 TOPS AI performance

- 4 PoEs support multiple streams with real-time processing complex tasks.
- Expand local storage with SATA HDD/SSD
- Hybrid connectivity: Support 5G, 4G LTE (modules optional)

Powered by Jetson AGX Orin, from 200 TOPS - 275 TOPS AI performance

- Supports 8K60 and 3x4K60 video decoding
- 16 lanes of MIPI CSI-2, up to 8 GMSL cameras with optional GMSL extension board.
- Jetpack 6 BSP ready

reServer J501