seeed studio

INDUSTRIAL PRODUCT DATASHEET

reComputer J1020 v2 (w/o power adapter) - Edge AI Computer with NVIDIA® Jetson Nano 4GB

A hand-sized edge AI box with 0.5 TFLOPs of power, built with the NVIDIA Jetson Nano 4GB production module.

SKU	UPDATED	PRICE
110061481	2026-11-11 09:51:17	$271.00(Excl. VAT)



Overview



A hand-sized edge AI box with 0.5 TFLOPs of power, built with the NVIDIA Jetson Nano 4GB production module. It features a rich set of IOs, an aluminum case, a passive heatsink, pre-built Jetpack 4.6.1, onboard 16 GB eMMC, 2x SCI, 4x USB 3, M.2 Key M, HDMI, and DP.

Key Features

01 **NVIDIA Jetson Nano Dev Kit alternative**

hand-size Edge AI device built with Jetson Nano 4GB Production Module, the carrier board brings extensive I/Os: GPIO, CSI, Gigabit Ethernet, 4 x USB 3.0 Type A, onboard 16 GB eMMC, Please check here for SSD storage expansion.

02 **128 NVIDIA CUDA® cores deliver 0.5 TFLOPs (FP16) to run AI frameworks and models for applications like image classification, object detection, segmentation, and speech processing.**

03 **Pre-installed NVIDIA Jetpack, JetPack SDK includes a board support package (BSP), Linux OS, NVIDIA CUDA, cuDNN, and TensorRT software libraries for deep learning, computer vision, GPU computing, multimedia processing, etc.**

04 **Support the entireJetson software stack and various developer tools for building fast and robust AI applications provided by Seeed Edge AI partners.**

Product Gallery

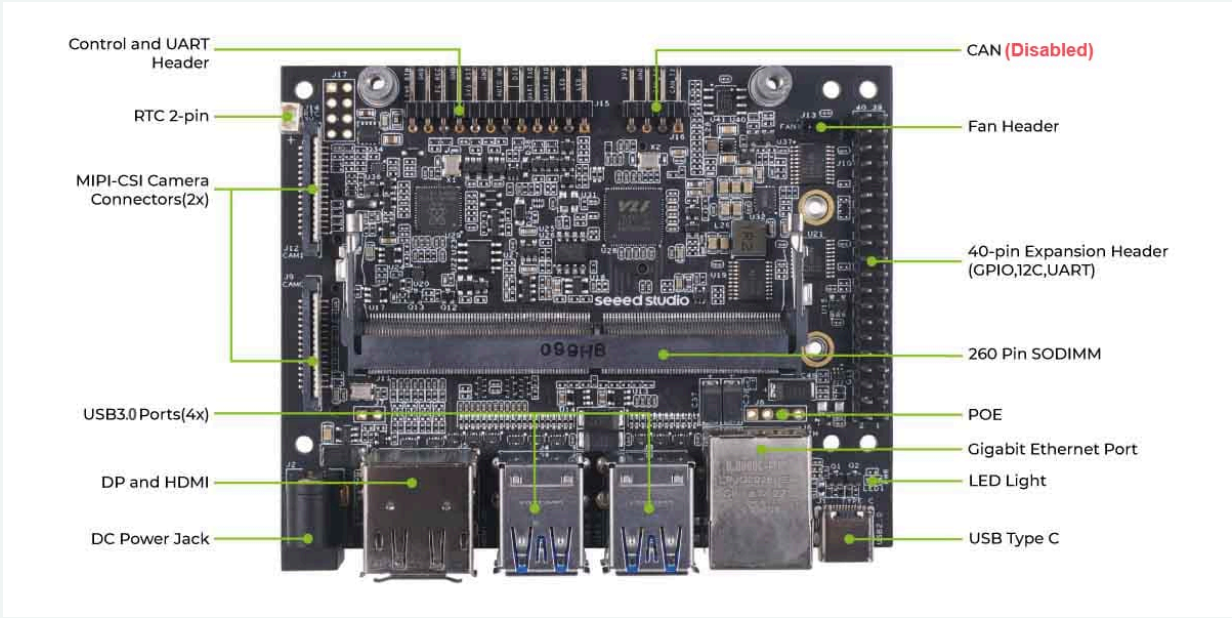


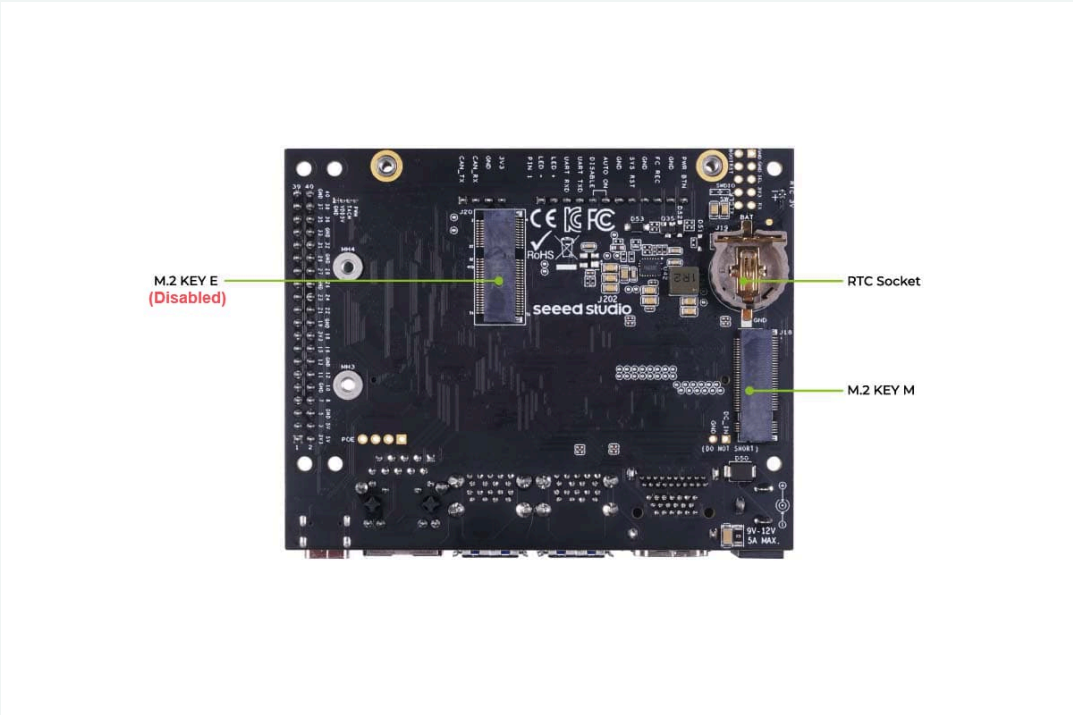






Hardware Overview







Applications

- **Application Fields:**
- **Computer Vision**
- **Machine Learning**
- **Autonomous Mobile Robot (AMR)**

Resource Links

- https://www.seeedstudio.com/reComputer-J1020-v2-w-o-power-adapter-p-5608.html
- Datasheet
- Schematic
- 3D File
- Seeed Nvidia Jetson Product Catalog
- Nvidia Jetson Comparison
- Nvidia Jetson Product Comparison
- Seeed Nvidia Jetson Success Cases
- Seeed Jetson One Pager

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com