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INDUSTRIAL PRODUCT DATASHEET

reComputer J1020 v2 - Edge AI Computer with NVIDIA® Jetson Nano 4GB

reComputer J10 has been discontinued due to EOL of NVIDIA® Jetson Nano™ modules.

SKU	UPDATED	PRICE
110061441	2026-11-11 09:57:30	$379.00(Excl. VAT)



Overview



reComputer J10 has been discontinued due to EOL of NVIDIA® Jetson Nano™ modules. Please migrate to NVIDIA® Jetson Orin™ Nano plaform per NVIDIA suggestions. See reComputer J3010 for more details. 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 **Hand-sized edge device**

Compact size at 130mm x 120mm x 50mm, featuring an NVIDIA Jetson Nano 4GB module, offering 0.5 TOPS AI performance with low power consumption and low latency.

02 **Ready for development and deployment**

pre-installed NVIDIA JetPack 4.6.1 supports the entire Jetson Software and industry-leading AI Developer Tools for building robust AI applications such as logistics, retail, service, agriculture, smart city, healthcare, and life sciences, etc

03 **Expandable with Rich I/Os**

The reComputer J1020 v2 includes 4x USB 3.0, HDMI, M.2 Key M for SSD, LTE, and Bluetooth, RTC, Raspberry Pi GPIO 40-pin, and more.

04 **Power efficient**

powered by DC Jack 12V/2A.

Product Gallery





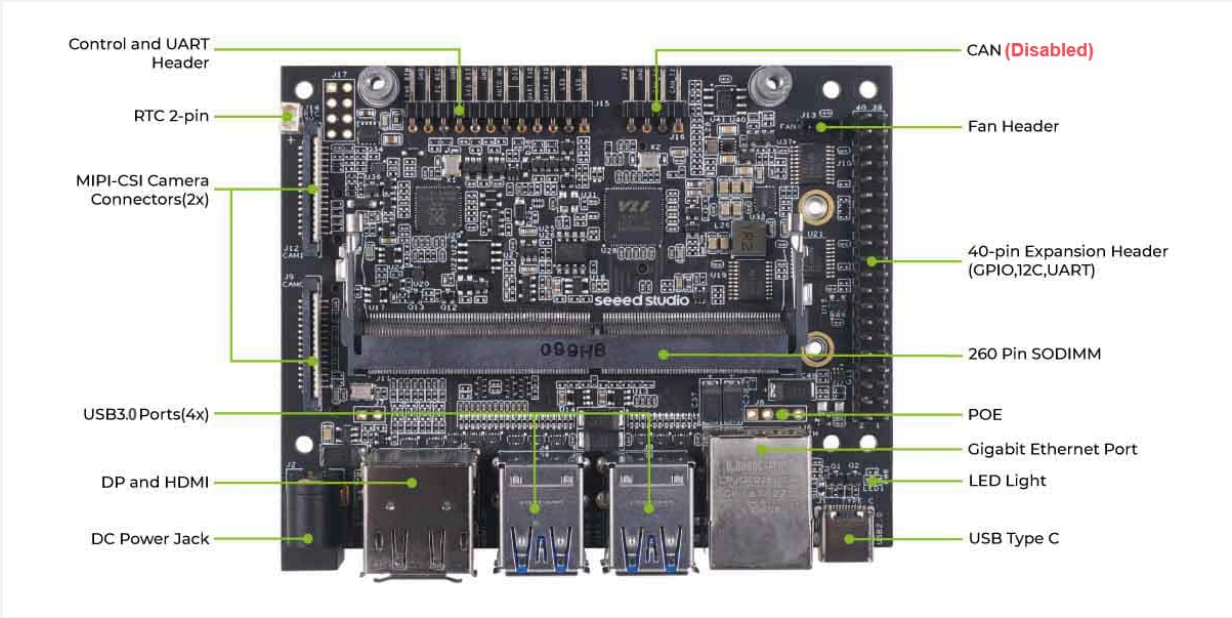


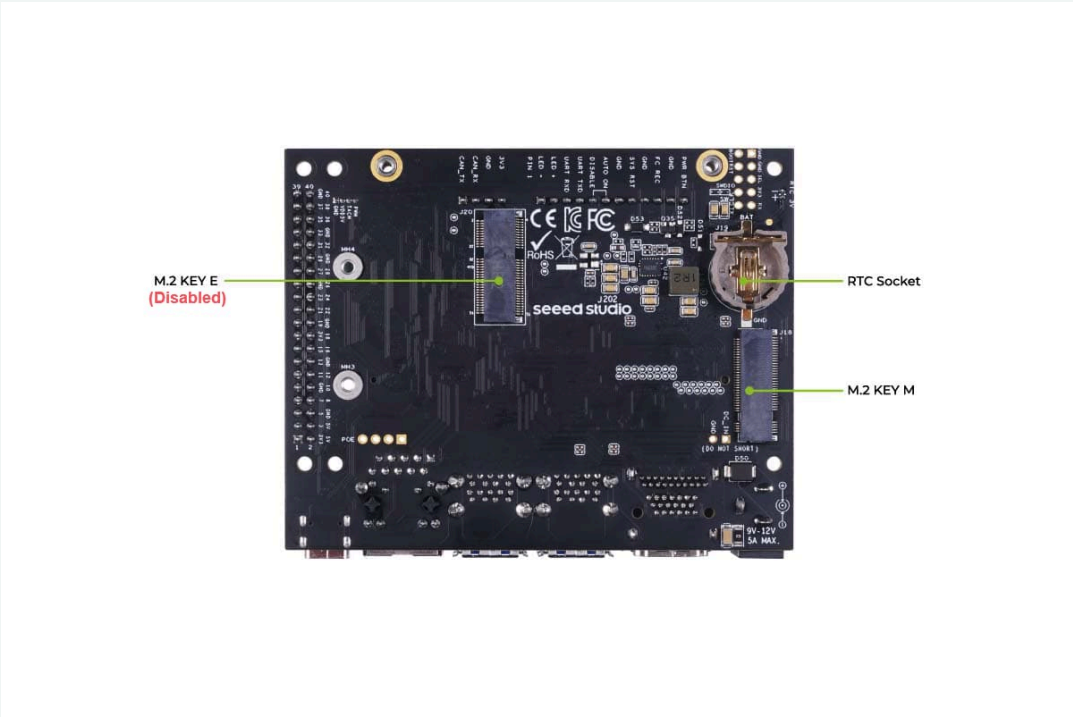






Hardware Overview







Applications

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

Resource Links

- https://www.seeedstudio.com/reComputer-J1020-v2-p-5498.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

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