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INDUSTRIAL PRODUCT DATASHEET

reComputer J4012B - Edge AI Computer with NVIDIA® Jetson™ Orin™ NX 16GB (Super Mode NOT Supported)

The reComputer J401B series is an iteration on reComputer Classic series.

SKU	UPDATED	PRICE
114993489	2026-11-16 06:47:47	$1425.00(Excl. VAT)



Overview



The reComputer J401B series is an iteration on reComputer Classic series. The reComputer J4012B with NVIDIA Jetson Orin NX 16GB modules is a powerful and compact edge AI device with rich interfaces: 2x USB 3.2, HDMI, Ethernet, M.2 Key E for Wi-Fi module, M.2 Key M for SSD, mini-PCIe for LTE module, CAN, 40-pin and more. [Discount on First 5 Only] From the 6th unit onward, the original price will apply.

Key Features

01 **Build the Most Powerful Embedded AI Platform**

02 **Design for Both Development and Production**

03 **Immediately Go-to-Market**

04 **Long Life Time Supply**

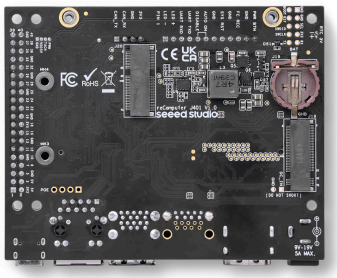
Product Gallery















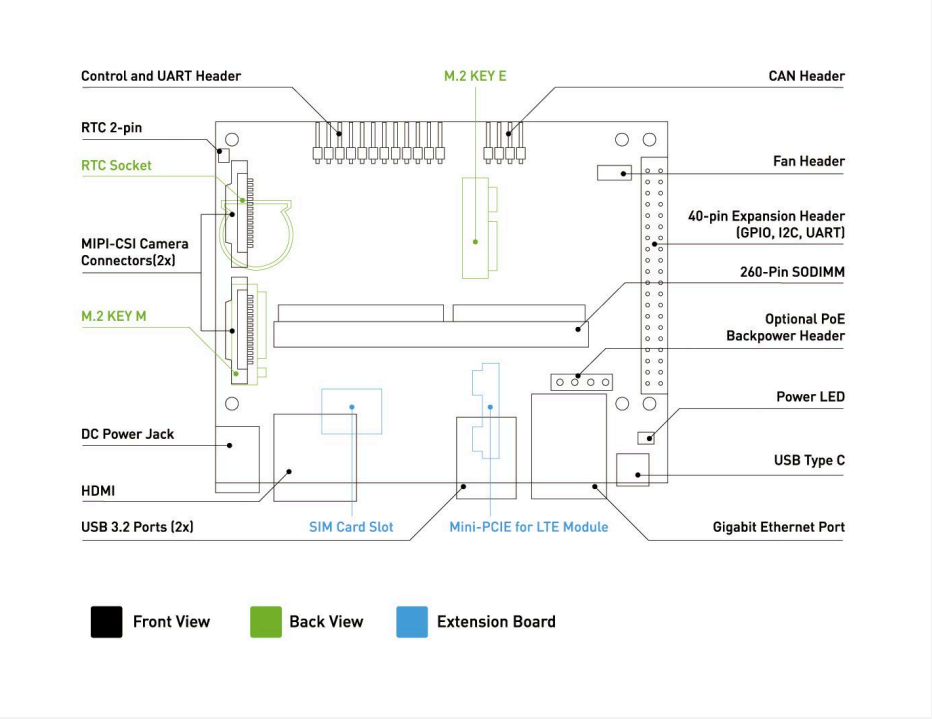



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reComputer J40

Hardware Overview



Applications

- **Smart Lamppost:** Smart lampposts monitor traffic with sensors and transmit data for better traffic control. They integrate solar power, store energy for night use, and may feed excess power to the grid.
- **EV Battery Swapping/Charging System:** Battery swapping eases EV range anxiety. Charging stations, connected to the smart grid, optimize charging times. Some EVs can also supply power to the grid.
- **Smart Recycling Center:** Sensors in recycling bins reduce waste collection trips. Energy - efficient equipment runs during off - peak hours, and recycled materials are used for smart grid and EV components.

Resource Links

- https://www.seeedstudio.com/reComputer-J4012B-p-6406.html
- Datasheet
- Carrier Board Schematic
- LTE board Schematics
- Seeed NVIDIA Jetson Product Catalog
- NVIDIA Jetson Product Comparison
- Seeed NVIDIA Jetson Success Cases
- Seeed Jetson One Pager
- Flash BSP for Jetson

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