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INDUSTRIAL PRODUCT DATASHEET

reComputer J3011B - Edge AI Computer with NVIDIA® Jetson™ Orin™ Nano 8GB

The reComputer J3011B is a compact edge AI computer powered by NVIDIA Jetson Orin Nano 8GB, delivering 40 TOPS of AI performance.

SKU	UPDATED	PRICE
114993487	2026-11-11 09:35:44	$765.00(Excl. VAT)



Overview



The reComputer J3011B is a compact edge AI computer powered by NVIDIA Jetson Orin Nano 8GB, delivering 40 TOPS of AI performance. Features DIN rail mountable aluminum enclosure, Gigabit Ethernet, 2x USB 3.2, HDMI 2.1, 2x CSI, CAN, M.2 Key E for Wi-Fi, mini-PCIe for LTE, and 40-pin expansion header. CE/FCC/KC/TELEC certified, -10~60°C operating temperature.

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**

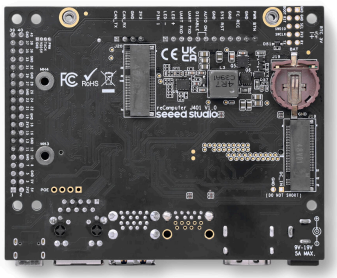
Product Gallery















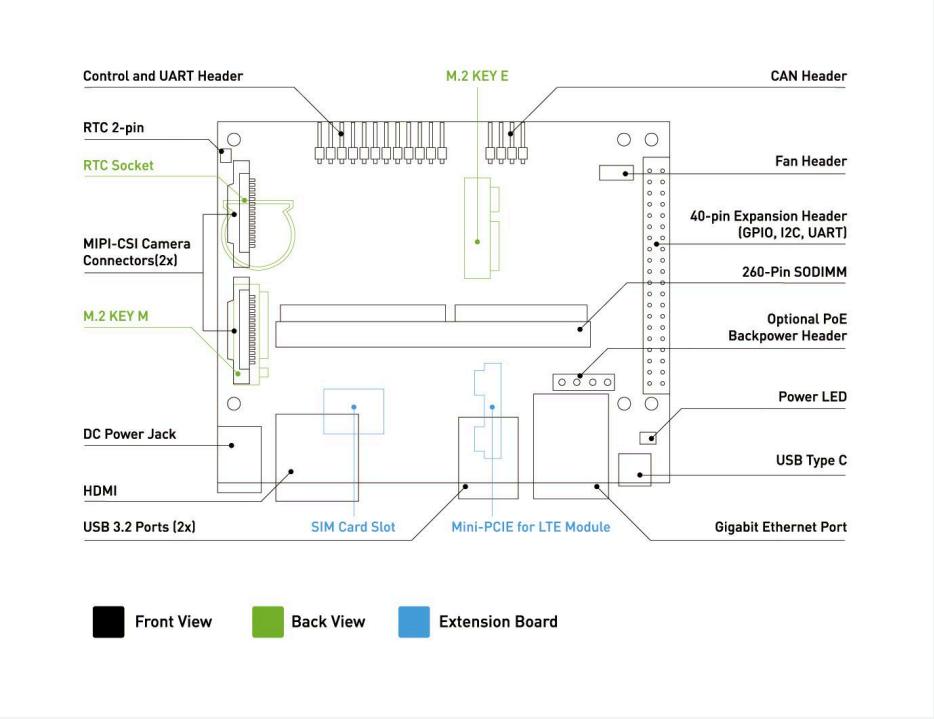



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reComputer J40

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-J3011B-p-6405.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

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