seeed studio

INDUSTRIAL PRODUCT DATASHEET

reComputer J2022 (w/o power adapter) - Edge AI Computer with NVIDIA® Jetson™ Xavier NX 16GB

Powerful and compact edge AI device with NVIDIA® Jetson Xavier NX SoM, pre-built Jetpack 4.6.1, 128GB SSD, 4x USB 3.1, HDMI, DP, GbE, carrier board also includes M.2 key E for WIFI, M.2 Key M for SSD, RTC, CAN, 40-pin and more.

SKU	UPDATED	PRICE
110061483	2026-11-11 09:50:59	$661.00(Excl. VAT)



Overview



Powerful and compact edge AI device with NVIDIA® Jetson Xavier NX SoM, pre-built Jetpack 4.6.1, 128GB SSD, 4x USB 3.1, HDMI, DP, GbE, carrier board also includes M.2 key E for WIFI, M.2 Key M for SSD, RTC, CAN, 40-pin and more.

Key Features

01 **Hand-size edge AI device**

built with Jetson Xavier NX 16GB Production Module, delivering 384 NVIDIA CUDA® cores delivers up to 21 TOPs AI performance with a small form factor of 130mm x120mm x 50mm.

02 **NVIDIA Jetson Xavier NX Dev Kit alternative**

the carrier board brings rich IOs including a Gigabit Ethernet port, 4 USB 3.1 ports, an HDMI port, and a DP port

03 **Pre-installed NVIDIA JetPack**

support the entire Jetson software stack and various developer tools for building fast and robust AI application provided by Seeed Edge AI partners, helps develop innovative AI solution for manufacturing, logistics, retail, service, agriculture, smart city, healthcare, and life sciences, etc

04 **Expandable with the onboard interfaces and reComputer case, able to mount on the wall with mounting holes on the back.**

Product Gallery

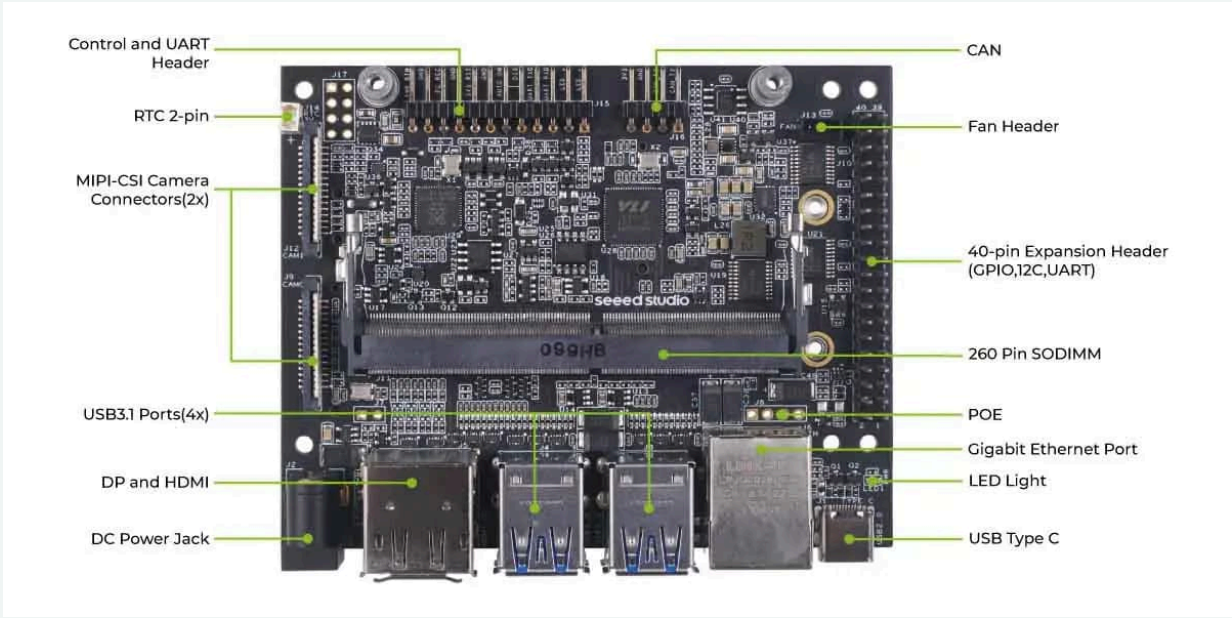


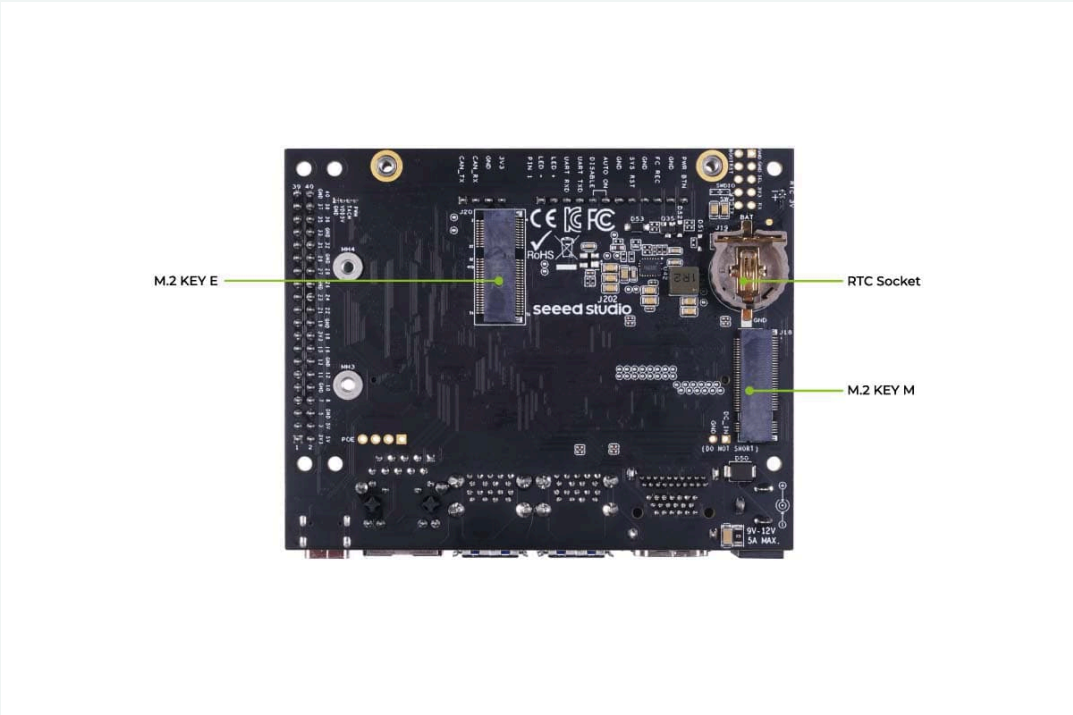






Hardware Overview






seeed studio



Applications

- **Application Fields:**
- **AI Video Analytics**
- **Machine Vision**
- **Autonomous Mobile Robot (AMR)**
- **Build Multi-streams AI Video Analytics:** For building video analytics, Jetson Xavier NX incorporates the NVIDIA Multi-Standard Video Decoder. This video decoder accelerates video decode, supporting low resolution mobile content, Standard Definition (SD), High Definition (HD) and UltraHD (8K, 4K, etc.) Check out our video analytics main page to find more vision AI developing tools and practical use case deployed in the field!

Resource Links

- https://www.seeedstudio.com/reComputer-J2022-w-o-power-adapter-p-5606.html
- reComputer J202X (w/o power adapter) Datasheet
- NVIDIA Jetson Devices and Carrier Boards Comparisons
- Seeed NVIDIA Jetson Hardware Catalog

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