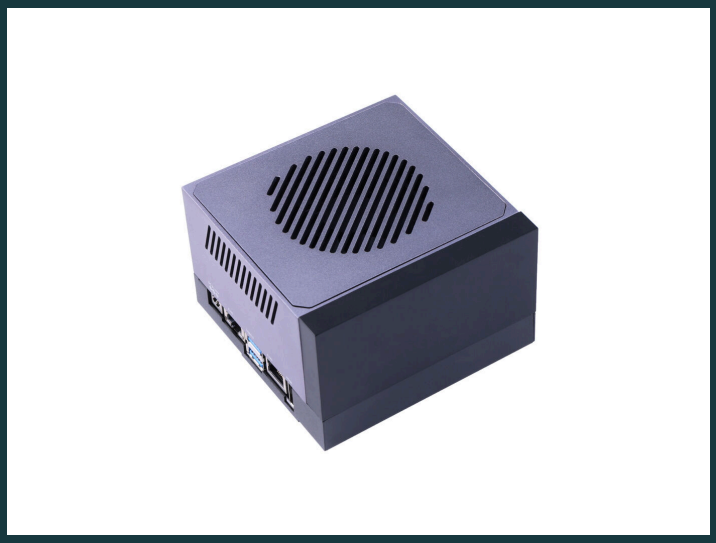
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Jetson AGX Orin 32GB H01 Kit with Jetson AGX Orin 32GB Module

AGX Orin 32GB H01 has been discontinued.

SKU	UPDATED	PRICE
114110207	2026-11-11 09:53:04	$1449.00(Excl. VAT)



Overview



AGX Orin 32GB H01 has been discontinued. For replacement, please see reComputer Mini J5011 and reComputer Classic J5011 with AGX Orin 32GB. Jetson AGX Orin 32GB H01 Kit is built with Jetson AGX Orin 32GB Module, offering 200 TOPs AI performance. Provide rich interfaces including PCIe X16, GbE, 10GbE, 3* USB 3.2, HDMI 2.1, M.2 Key M, M.2 Key E, 16 lane MIPI CSI-2, 40Pin header. The kit is pre-installed with JetPack 5.1.2.

Key Features

01 **Brilliant AI Performance for production**

on-device processing with up to 200 TOPS AI performance with low power and low latency, which offers up to 10X the performance of Jetson Xavier NX and up to 6X the performance of Jetson AGX Xavier.

02 **Hand-size edge AI device**

compact size at 107mm x 106.4mm x 70.5mm, includes Jetson AGX Orin™ production module, a heatsink with a cooling fan, enclosure, and a power adapter.

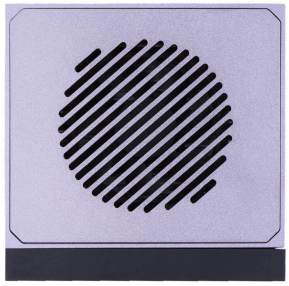
03 **Expandable with rich I/Os**

PCIe X16, GbE, 10GbE, 3x USB 3.2, HDMI 2.1, M.2 Key M, M.2 Key E, 2.4/5GHz Wi-Fi, Bluetooth, 16 lane MIPI CSI-2, 40-Pin header.

04 **Accelerate solution to market**

pre-installed JetPack 5.1.4, Linux OS BSP, support Jetson software and leading AI frameworks and software platforms.The default account is username: nvidia, password: nvidia.

Product Gallery

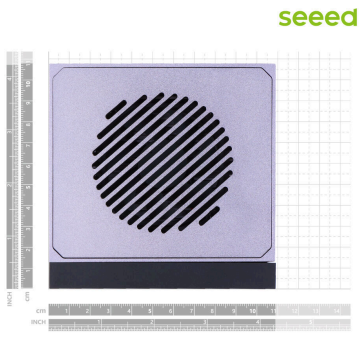




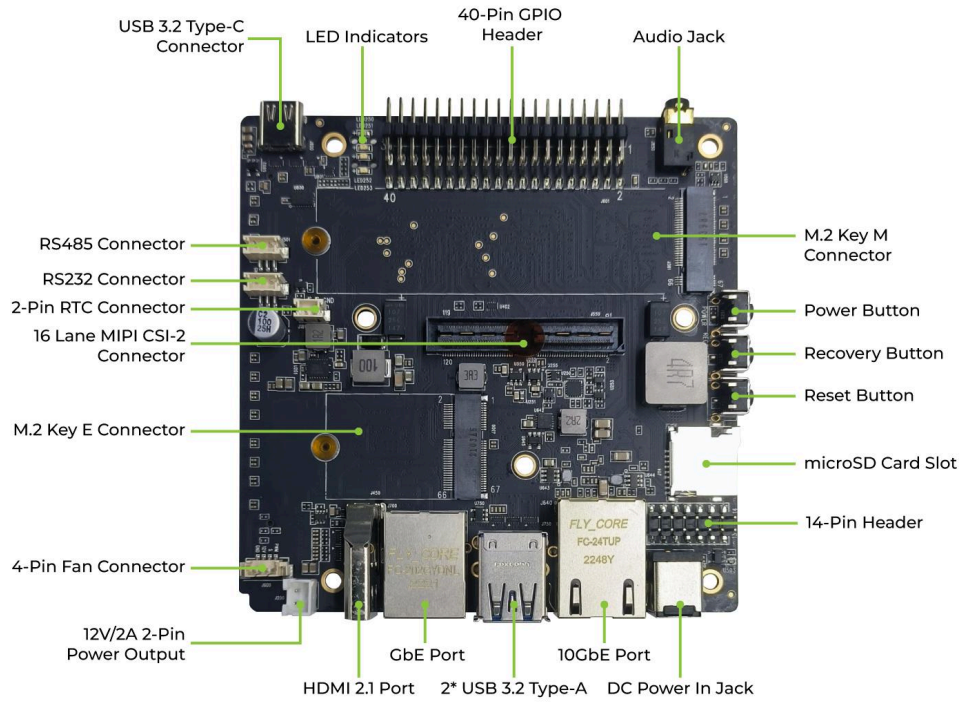


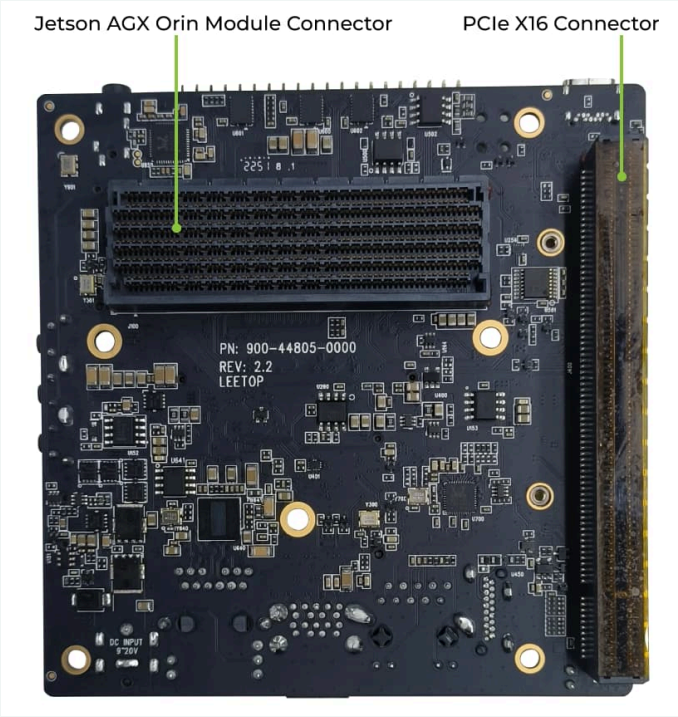






Hardware Overview





Applications

- **Jetson AGX Orin 32GB H01 Kit is ideal for building autonomous applications and complex AI tasks of image recognition, object detection, pose estimation, semantic segmentation, video processing, and many more. The following are few of the applications that have been tested with Xavier NX and you can take them for reference in order to build applications using AGX Orin as well.**
- **Traffic Management:**
- **License plate detection**
- **Car detection**
- **Pedestrian detection**
- **Industry 4.0:**
- **Helmet detection**
- **Hard hat detection**
- **Custom PPE detection**
- **Visual Anomaly Detection**
- **Retail:**
- **Sentiment analysis**

Resource Links

- https://www.seeedstudio.com/AGX-Orin-32GB-H01-Kit-p-5569.html
- Jetson AGX Orin 32GB H01 Kit Datasheet
- Seeed Nvidia Jetson Product Catalog
- Nvidia Jetson Product Comparison
- Seeed Nvidia Jetson Success Cases
- Seeed Jetson One Pager

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