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INDUSTRIAL PRODUCT DATASHEET

NVIDIA® Jetson Orin™ Nano Super Developer Kit Bundle |945-13766-0000-000

NVIDIA® Jetson Orin™ Nano Super Developer Kit Bundle: a compact edge AI developer kit with up to 67 TOPS, rich I/O, and NVIDIA AI software for generative AI and computer vision applications.

SKU	UPDATED
E26041601	2026-11-02 10:05:20



Overview



The NVIDIA® Jetson Orin™ Nano Super Developer Kit Bundle delivers up to 67 TOPS AI performance in a compact 100mm x 79mm x 21mm edge AI device, featuring an Ampere architecture GPU, a 6-core ARM CPU, and a Jetson Orin™ Nano 8GB module with heatsink, fan, and power adapter. It offers expandable I/O including 4x USB 3.2 Gen 2 ports, DP 1.2, M.2 Key E with pre-installed Wi-Fi, 2x M.2 Key M for SSD, microSD slot, 2x MIPI CSI-2 connectors, Gigabit Ethernet, and 40-pin GPIO, supported by the NVIDIA AI software stack, Jetson Platform Services, and Jetson AI Lab for generative AI and computer vision deployment.

Key Features

01 **Excellent AI Performance for production**

low power and low latency with up to 67 TOPS AI performance, featuring an Ampere architecture GPU and a 6-core ARM CPU, which enables multiple concurrent AI application pipelines and high-performance inference.

02 **Compact edge AI device**

compact size at 100mm x79mm x 21mm, includes Jetson Orin™ Nano 8GB module, a heatsink with a fan and a power adapter.

03 **Expandable with rich I/Os**

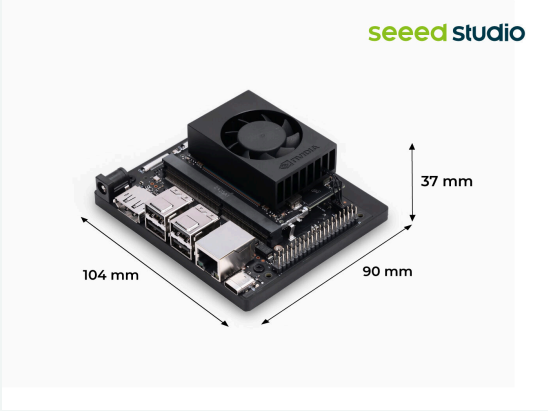
4xUSB 3.2 Gen 2 ports, DP 1.2, M.2 key E with pre-installed Wi-Fi module, 2x M.2 Key M for SSD, microSD slot, 2x MIPI CSI-2 connectors, Gigabit Ethernet, 40-pin GPIO.

Product Gallery









Applications

- **NVIDIA AI software stack:** The NVIDIA AI software stack is designed to accelerate AI application and deployment.
- **Jetson Platform Services:** Leverage Jetson Platform Services that provides platform to simplify development, deployment and management of Edge AI applications on NVIDIA Jetson like BEV sensing demo with 4 USB cameras.
- **Jetson AI Lab for Generative AI and Computer Vision Models deployment:** Go to Jetson AI lab for one-line deploy projects edge AI applications of generative AI including Ollama, Llama3; computer vision including YOLOv8; and others.

Resource Links

- https://www.seeedstudio.com/NVIDIAr-Jetson-Orintm-Nano-Super-Developer-Kit-Bundle.html
- Datasheet
- Seeed NVIDIA Jetson Hardware Catalog

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