

The NVIDIA Jetson Orin Nano Developer Kit



Listing details

Reference Number: RF115070

Common

Price: \$ 499.00
Country: United States
Description:

The NVIDIA Jetson Orin Nano Developer Kit: Powering Your AI Projects

If you're an enthusiast or professional working in the field of artificial intelligence and robotics, the NVIDIA Jetson Orin Nano Developer Kit is a product you should definitely consider. This powerful developer kit, available on Amazon, offers a compact design, a plethora of connectors, and up to 40 TOPS of AI performance, making it an ideal platform for transforming your visionary concepts into reality.

Brand	NVIDIA
Series	NVIDIA Jetson Orin Nano Developer Kit
Item model number	945-137766-0000-000
Item Weight	1.69 pounds
Package Dimensions	9.65 x 6.42 x 2.44 inches
Processor Brand	ARM
Number of Processors	6
Manufacturer	NVIDIA
ASIN	B0BZJTQ5YP
Country of Origin	China

A Leap in Performance

Compared to its predecessor, the Jetson Nano, this kit boasts up to 80 times the performance, enabling it to run modern AI models with ease. Its key features include an Ampere GPU and a 6-core ARM CPU,

allowing for multiple concurrent AI application pipelines and high-performance inference. Whether you're working on AI-powered robots, smart drones, or intelligent cameras, the Jetson Orin Nano Developer Kit can handle it all.

Versatile Connectivity

One of the standout features of this kit is its wide array of connectors, including two MIPI CSI connectors supporting camera modules with up to 4-lanes. This capability allows for higher resolution and frame rates than ever before, making it a perfect fit for vision-based AI projects.

NVIDIA AI Software Stack

The Jetson Orin Nano runs on the NVIDIA AI software stack, which includes use-case-specific application frameworks like NVIDIA Isaac™ for robotics, DeepStream for vision AI, and Riva for conversational AI. It also supports NVIDIA Omniverse™ Replicator for synthetic data generation and the NVIDIA TAO Toolkit for fine-tuning pretrained AI models from the NGC™ catalog.

A Thriving Ecosystem

NVIDIA's ecosystem partners offer additional AI and system software, developer tools, and custom software development services. They can also assist with cameras, sensors, carrier boards, and design services for your AI product, making your journey from concept to market smoother and faster.

In conclusion, the NVIDIA Jetson Orin Nano Developer Kit is a game-changer for AI enthusiasts and professionals. With its exceptional performance, versatile connectivity, and comprehensive software support, it empowers you to create the next generation of AI solutions. Get your kit today on Amazon and embark on your AI innovation journey.

Purchase Product

1. [Amazon.com](https://www.amazon.com/dp/B0C3K1K1K1)
2. <https://www.sparkfun.com/products/22098>

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