NVIDIA JETSON NANO 2GB DEVELOPER KIT
GET HANDS ON WITH AI AND ROBOTICS.
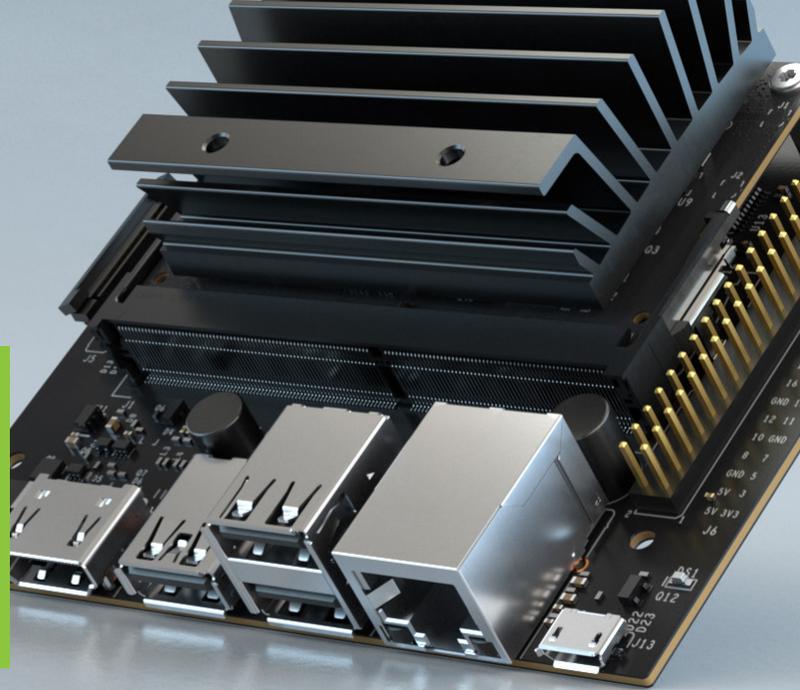
Small Size. Small Price. Big AI Discoveries.

Discover the power of AI and robotics with NVIDIA® Jetson Nano™ 2GB Developer Kit. It's small, powerful, and priced for everyone at $59*. This means educators, students, and other enthusiasts can now easily create projects with fast and efficient AI using the entire GPU-accelerated NVIDIA software stack.

Learning by doing is key for anyone new to AI and robotics, and the Jetson Nano 2GB Developer Kit is ideal for hands-on teaching and learning. Unlike online-only learning, you'll see your work on the developer kit perceive and interact with the world around you in real time.

Thousands of Jetson Nano developers actively contribute videos, how-tos, and open-source projects in addition to the free and comprehensive tutorials offered by NVIDIA. These start with an introductory "Hello AI World," continue to robotics projects such as the open-source NVIDIA JetBot AI robot platform, and lead to the next level of robotics development with NVIDIA Isaac™.

All these resources are enabled by NVIDIA JetPack™, which brings to each Jetson developer the same CUDA-X™ software and tools used by professionals around the world. JetPack includes a familiar Linux environment and simplifies the development process with support for cloud-native technologies such as containerization and orchestration.

The Jetson Nano 2GB Developer Kit delivers incredible AI performance at a low price. It makes the world of AI and robotics accessible to everyone with the exact same software and tools used to create breakthrough AI products across all industries. There's no better way to start.

KEY FEATURES

NVIDIA Jetson Nano 2GB Developer Kit

> 128-core NVIDIA Maxwell™ GPU
> Quad-core ARM® A57 CPU
> 2 GB 64-bit LPDDR4

Power options

> USB-C 5V ⎓ 3A

I/O

> USB 3.0 Type A
> USB 2.0 Type A
> USB 2.0 Micro-B (device mode)
> MIPI CSI-2 camera connector
> Gigabit Ethernet
> 40-pin header (GPIOs, I2C, I2S, SPI, UART)
> HDMI
> Fan header†

Kit Contents

> NVIDIA Jetson module and reference carrier board
> Quick Start / Support Guide
> 802.11ac wireless adapter and extension cable†

NVIDIA JETSON NANO 2GB DEVELOPER KIT
TECHNICAL SPECIFICATIONS

GPU	**128-core NVIDIA Maxwell**
CPU	**Quad-core ARM A57 @ 1.43 GHz**
Memory	**2 GB 64-bit LPDDR4 25.6 GB/s**
Storage	**microSD (Card not included)**
Video Encode	**4Kp30 | 4x 1080p30 | 9x 720p30 (H.264/H.265)**
Video Decode	**4Kp60 | 2x 4Kp30 | 8x 1080p30 | 18x 720p30 (H.264/H.265)**
Connectivity	**Gigabit Ethernet** **802.11ac wireless[†]**
Camera	**1x MIPI CSI-2 connector**
Display	**HDMI**
USB	**1x USB 3.0 Type A, 2x USB 2.0 Type A, 1x USB 2.0 Micro-B**
Others	**40-pin header (GPIO, I²C, I²S, SPI, UART)** **12-pin header (Power and related signals, UART)** **4-pin Fan header[†]**
Mechanical	**100 mm x 80 mm x 29 mm**

[†] Not initially available in all regions

Learn more at **www.nvidia.com/JetsonNano2GB**

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