

A203 (Version 2) Carrier Board for Jetson Nano/Xavier NX/TX2 NX with compact size and rich ports (Wi-Fi, Bluetooth, SSD supported etc.)

SKU 103110043



A203 Version 2 is an updated version of A203. It adds additional pins and one USB 3.0 20-pin ZIF Connector. It is a high-performance, interface rich NVIDIA Jetson Nano / Xavier NX/TX2 NX compatible carrier board, providing HDMI 2.0, Gigabit Ethernet, USB3.0, M.2 key E Wi-Fi / BT, M.2 key M solid-state drive, CSI camera, RS232, SD card, CAN, PIO, I2C, I2S, fan and other rich peripheral interfaces are suitable for environments with strict environmental requirements, small size and powerful functions.

Basically, it works with an NVIDIA module mentioned above to achieve graphic AI applications. To be more specific, with the NVIDIA Jetson Nano/Xavier NX / TX2 NX module assembled, it could support NVIDIA JetPack, which includes a board support package (BSP), Linux OS, NVIDIA CUDA®, cuDNN, and TensorRT™ software libraries for deep learning, computer vision, GPU computing, multimedia processing, and much more. It is suitable for small-size AI graphical applications such as smart-city IoT edge devices, home robots, UAVs, Unmanned boats and Unmanned submarines which need to have a lightweight, low power consumption and small overall design.

Note

- **The carrier board is specially designed for working with Jetson Nano/Xavier NX / TX2 NX modules and we will not include them inside.**
- **When using Jetson Nano, the M.2 KEY E cannot work but instead, M.2 KEY M could.**
- **When using Jetson Nano, 'CAN' cannot work.**
- **If want to burn OS into the module. First, enter the recovery mode, find the 14 pins IO on A203 V2, and connect Pin 3(RECOVERY) to GND with a jumper line.**
- **We will not include a power cord, please choose a suitable form according to your country.**