TB-RK1808 AI compute stick is Rockchip's Toybrick series. It is equipped with Rockchip's RK1808 neural network processor. It has low power consumption and high performance, and can be applied to various application fields of artificial intelligence. The Host can obtain powerful deep learning and inference ability through the RK1808 AI compute stick and with the powerful computing power of the RK1808 AI compute stick, embedded devices can build AI algorithms on the edge of the network, making it easy for traditional embedded devices to upgrade artificial intelligence.

RK1808 AI compute stick can be used to assist inference calculation, and also supports independent AI compute function through secondary development.

Features

- Equipped with RK1808 NPU, computing power up to 3.0 Tops.
- Multiple development modes support secondary development.
- Start developing quickly on Windows, Linux, macOS, Arm Linux.

Specifications

CPU	RK1808
Memory	1GB LPDDR
Storage	8GB EMMC
Size	82×31×13mm
Interface	USB3.0 Type-A
Mini-system requirement	Ubuntu 16.04 or x86_64 PC CPU intel core i3 USB 3.0 2 GB RAM 4 GB Storage
Temperature	0℃~40℃