seeed studio

INDUSTRIAL PRODUCT DATASHEET

Sipeed M1n Module AI Development Kit based on K210 (RISC-V)

This M1n AI module development kit is designed by Sipeed.

SKU	UPDATED	PRICE
102991335	2026-11-11 08:29:48	$13.50(Excl. VAT)



Overview



This M1n AI module development kit is designed by Sipeed. The kit includes an M1n module, a Type-C to M.2(not standard M.2 interface)adapter, and a camera. The M1n module embeds the K210 AI chip which has a powerful CPU, NPU, and APU. You can use the Maixpy IDE, Arduino IDE, and PlatformIO IDE for software development.

Key Features

01 **Multiple Functions**

Face detection, Object recognition, FFT spectrogram, and Game simulator.etc

02 **CPU**

RISC-V 64 bit dual-core processor, 400 MHz standard frequency(overclockable)

03 **Image recognition**

QVGA@60FPS/VGA@30FPS

04 **Voice recognition**

Supports arrays of up to 8 microphones

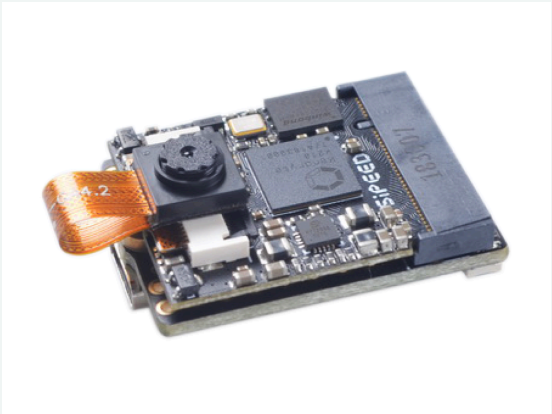
05 **Deep learning framework**

Tensorflow/Keras/Darknet

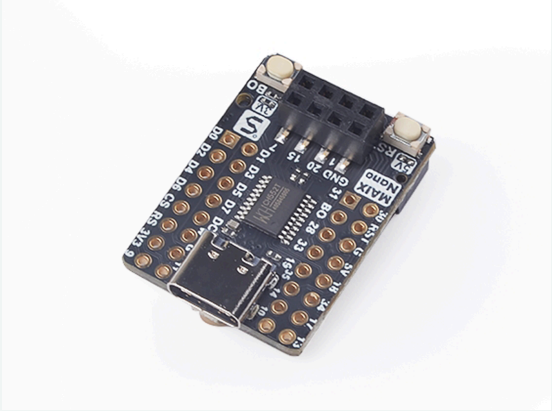
06 **Peripherals**

FPIOA, UART, GPIO, SPI, I2C, I2S, WDT, TIMER, RTC, etc

Product Gallery







Resource Links

- https://www.seeedstudio.com/Sipeed-M1n-Module-AI-Development-Kit-based-on-K210-p-4491.html
- M1n module datasheet
- Maixpy IDE User manual
- Type-C to M.2 adapter (Maix-Nano) datasheet

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