

Sipeed Maix Bit K210 64bit RISC-V with LCD and Camera In-line Breadboard Development Board Kit



Listing details

Reference Number: RF984755

Common

Price: \$ 36.99
Country: United States
Description:

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Introducing the Sipeed Maix Bit K210, a high-performance Internet of Things (IoT) development board combining cutting-edge AI features and embedded image processing. This powerful system-on-chip (SoC) development kit has the K210 RISC-V 64-bit dual-core CPU, offering an all-in-one solution for machine vision and machine hearing capabilities.

Key Features:

Feature	Description
High-performance CPU	Powered by the K210 RISC-V 64-bit dual-core CPU, this IoT development kit excels in processing tasks for AI, machine vision, and machine hearing.
Powerful Machine Vision	Experience the potential of convolutional neural networks (CNN) under low power consumption for image classification, target detection, and face recognition.
Sensitive Machine Hearing	The chip is integrated with a high-performance microphone array audio processor, enabling real-time sound source orientation and beam forming. Ideal for sound source orientation, voice wake-up, and voice recognition.
Easy to Program	The development board comes preloaded with MaixPy open-source firmware, featuring a variety of function libraries that can be directly called by developers. MaixPy uses Micropython script syntax, allowing developers to edit scripts on a computer in real-time and upload them to the development board.
Versatile	With Bluetooth support, this IoT development board can easily connect to other

Connectivity devices and expand its functionality.

Technical Specifications:

Specification	Description
Brand	Youyeetoo
RAM Memory Installed Size	64 GB
Memory Storage Capacity	128 MB
Color	Maix-Bit
Wireless Communication	Bluetooth

Why Choose Sipeed Maix Bit K210:

- **Versatility:** The Sipeed Maix Bit K210 offers a versatile platform for IoT development, combining machine vision and machine hearing capabilities, making it ideal for a wide range of applications.
- **Powerful Processing:** With the K210 RISC-V 64-bit dual-core CPU, this development board provides efficient and high-performance processing for AI-related tasks.
- **Easy Programming:** Developers can quickly start their projects with the preloaded MaixPy firmware, and the micropython script syntax makes coding and testing seamless.
- **Compact and Portable:** The small form factor and in-line breadboard design allow for easy prototyping and experimentation on the go.

Get Started Today:

Begin your journey into the world of AI and embedded image processing with the Sipeed Maix Bit K210 64-bit RISC-V development board. Order now and experience the limitless possibilities of the Internet of Things.

Note: Before purchasing, please ensure compatibility with your country's electrical plugs and voltage. International customers may require an adapter or converter.

Purchase product:

1. <https://www.amazon.com>

2. <https://m.aliexpress.com/>

Posted: 1 year ago

