Description:

LuckFox Pico Plus RV1103 Linux Development Board

With ARM Cortex-A7 & Ethernet Port

Compact & integrated

High-performance NPU

Advanced ISP support

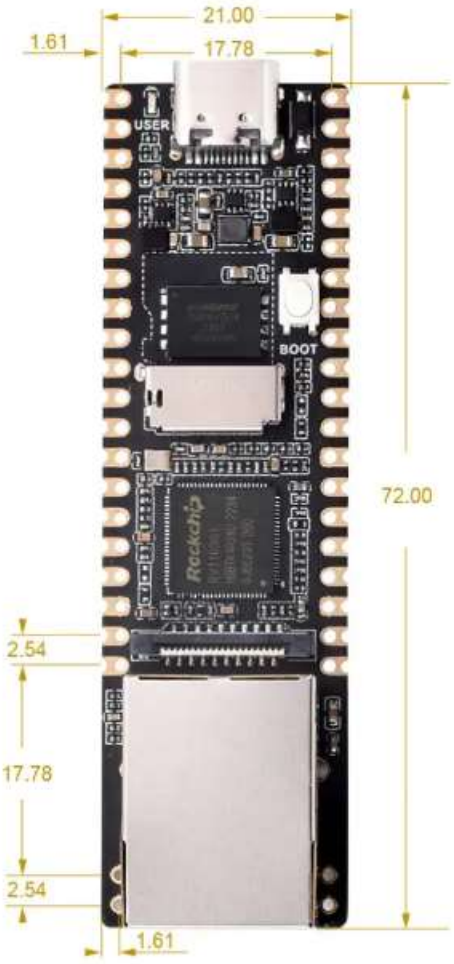
Rapid start-up MCU

Versatile connectivity

The LuckFox Pico Plus RV1103 Linux Development Board is a compact and highly integrated platform that combines a variety of processors for robust performance. It features a single-core ARM Cortex-A7 32-bit core with NEON and FPU integration, a Rockchip self-developed fourth-generation NPU with high computing precision, and a third-generation ISP3.2 that supports 4-megapixel image processing. The board is designed to deliver high-definition images with efficient encoding that can save significant storage space.

This development board is equipped with a RISC-V MCU that ensures low power consumption and rapid start-up capabilities, including a 250ms fast picture capture. It also includes a 16-bit DRAM DDR2 for high memory bandwidth requirements. The board is further enhanced with integrated components such as a power-on reset (POR), audio codec, and MAC PHY, which streamline development processes.

The LuckFox Pico Plus RV1103 is designed to facilitate development with its integrated TF card slot, camera interface, and Ethernet port. It also includes a USB Type-C connector for power supply and programming, an activity LED, a boot button for entering download mode, and a GPIO header for additional interfacing options. The board's vision processor SoC, along with its camera and Ethernet interfaces, makes it suitable for a wide range of applications that require image processing and connectivity features.



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