seeed studio

INDUSTRIAL PRODUCT DATASHEET

# Firefly-RK3288

Firefly-RK3288: High-performance ARM multi-core board with dual-OS support, advanced graphics, and comprehensive connectivity.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 102990170 | 2024-08-09 02:02:38 | $159.00(Excl. VAT) |



# Overview



The Firefly-RK3288 is a high-performance multi-core computing platform featuring a Cortex-A17 quad-core processor and Mali-T760 MP4 GPU with powerful graphics and video decoding. It supports dual-booting Android and Ubuntu, equipped with 2GB Dual-Channel DDR3, 16GB eMMC, Dual Band AC Wi-Fi, Bluetooth 4.0, Gigabit Ethernet, and external extension interfaces.

# Key Features

Description
Firefly-RK3288 is an all-in one high performance multi-core computing platform. It features powerful graphics processing and video decoding ability, and support both Android and Ubuntu. It will become extraordinary with your creativity.

**Features:**

New Cortex-A17 Quad-core processors

Mali-T760 MP4 Graphics Processing

Supports dual-booting Android and Ubuntu

2GB Dual-Channel DDR3/

16GB eMMC

Dual Band AC Wi-Fi / Bluetooth 4.0 /

Gigabit Ethernet

External extension interface.

**Specification:**

Size:118mm*85mm

CPU:RK3288 Cortex-A17 quad core@ 1.8GHz

GPU:Mali-T764 GPU with support for OpenGL ES 1.1/2.0 /3.0,

OpenVG1.1, OpenCL, Directx11

Memory:2GB DDR3

Storage:16GB eMMC Flash , Micro SD

Network:Ethernet - 10/100/1000M RJ45

Wireless - 2.4GHz/5GHz AC WiFi, Support 802.11a/b/g/n/ac

Bluetooth 4.0

Audio IN/OUT:HDMI , SPDIF , Microphone Header ,MIC

Vedio In/Out: HDMI2.0 up to 3840x2160@60P

VGA up to 1080P

MIPI、LVDS、EDP、MIPI-CSI

USB: USB2.0 HOST x 2 , Micro USB OTG x 1

IR:Support self defined IR remote

KEY:Power Key x 1, Recovery Key x 1, Reset Key x 1

LED:Programable LED x 2

Debugging:Serial Console for debugging

Reserved(42 x 2) Pin:MIPI、LVDS、MIPI-CSI、EDP、ISP、PWM、SPI、UART、ADC、GPIO、I2C、I2S

Power:5V/2.5A

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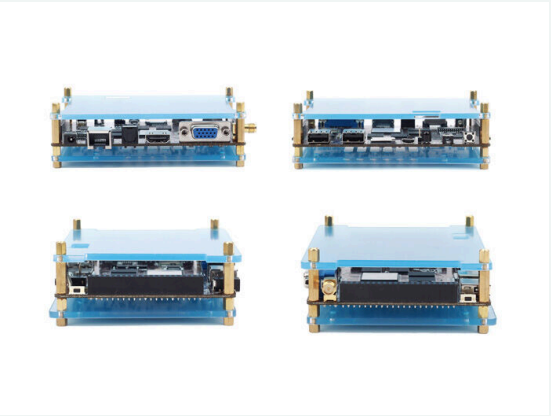
Need a power adapter? Why not try our American standard plug: **USB power Plug Adapter.**

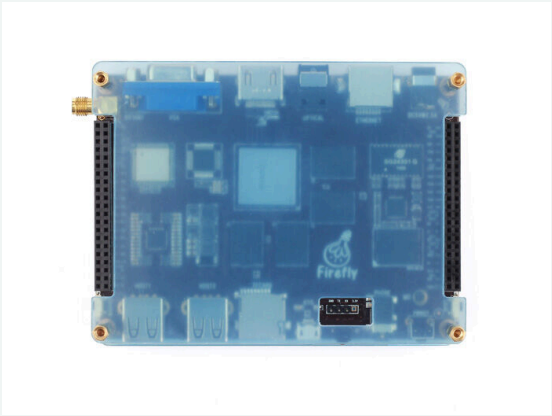
If you have any questions, feel free to send us an email to **service(at)t-firefly.com**

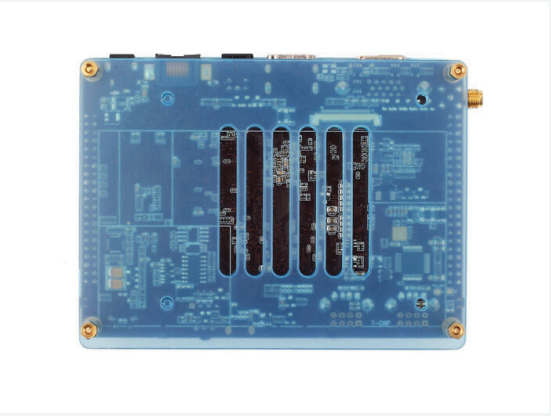
For any technical support or suggestion, please kindly go to our **forum**.

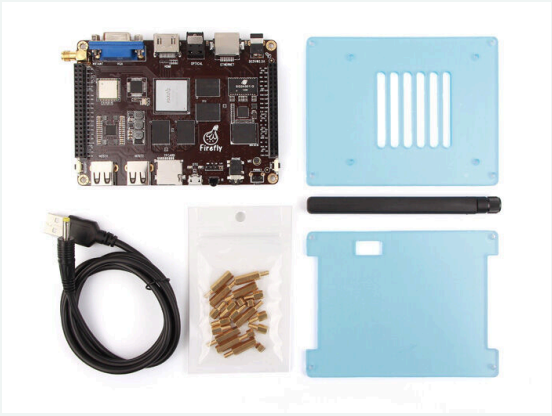
Technical Details
**Technical details**

# Product Gallery












## Compliance & Logistics

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| HSCODE |

# Resource Links

- https://www.seeedstudio.com/Firefly-RK3288-p-2246.html

**Seeed Technology Co.,Ltd.**
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

**Tel:** +86 0755-80695676
**Web:** www.seeed.cc
**Shop:** www.seeedstudio.com