

## NanoPi Duo2 Open Source Allwinner H3 Quad-core Cortex-A7 1.2GHz Single Board Computer



### Listing details

Reference Number: RF191891

#### Common

Price: \$ 39.99

Country: United States

Description:

### **NanoPi Duo2 Open Source Allwinner H3 Quad-core Cortex-A7 1.2GHz Single Board Computer with DDR3 512M RAM Onboard WiFi Bluetooth Module Support WiringNP Python for IOT Application Development**

Unlock the potential of IoT application development with the NanoPi Duo2 Single Board Computer by WayPonDEV. This open-source wonder boasts a quad-core Cortex-A7 CPU, running at 1.2GHz, providing ample processing power for your projects. With its DDR3 512MB RAM, this compact board effortlessly tackles tasks and projects, making it ideal for IoT application development.

#### **Key Features:**

- **Impressive Processing Power:** Featuring the Allwinner H3 quad-core Cortex-A7 CPU, the NanoPi Duo2 delivers a clock speed of 1.2GHz, ensuring smooth and efficient performance for your projects.
- **Ample RAM:** With 512MB of DDR3 RAM, this board is equipped to handle multitasking and data-intensive applications.
- **Wireless Connectivity:** Seamlessly connect to networks and devices with built-in Wi-Fi (802.11b/g/n) and Bluetooth V4.0. Enjoy wireless convenience for data transfer and communication.
- **Operating System Compatibility:** The NanoPi Duo2 supports Ubuntu and Linux operating systems, providing flexibility for various development environments.
- **Compact Design:** Measuring just 2.17 x 0.98 x 0.39 inches, this board offers an incredibly

compact form factor, making it ideal for projects with limited space requirements.

- **Expandable Interfaces:** The NanoPi Duo2 boasts GPIO pins, USB hosts, a MicroSD slot, micro USB OTG, debug serial interface, and more, enabling customization and integration with a wide range of peripherals.
- **Easy Setup and Support:** The board comes with comprehensive technical support and documentation, including a detailed wiki guide and contact details for assistance.

## Technical Specifications:

- **CPU:** Allwinner H3, Quad-core Cortex-A7 up to 1.2GHz
- **RAM:** 512MB DDR3
- **Connectivity:** Wi-Fi (802.11b/g/n), Bluetooth V4.0
- **Operating System:** Ubuntu, Linux
- **Interfaces:** GPIO, USB hosts, MicroSD slot, micro USB OTG, debug serial interface, audio input/output, and more
- **Compact Dimensions:** 2.17 x 0.98 x 0.39 inches
- **Power Supply:** DC 5V/2A
- **Temperature Range:** -20°C to 70°C

## Enhance Your IoT Projects with the NanoPi Duo2

Whether you're a seasoned developer or a curious enthusiast, the NanoPi Duo2 Single Board Computer offers a world of possibilities. From compact IoT devices to creative coding projects, its powerful hardware and wireless connectivity options open doors to innovative solutions. With support for a variety of operating systems and expandable interfaces, this board is your gateway to limitless creativity.

**Please Note:** This product is designed for use in the US. International compatibility may require an adapter or converter.

## Purchase Product

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

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

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