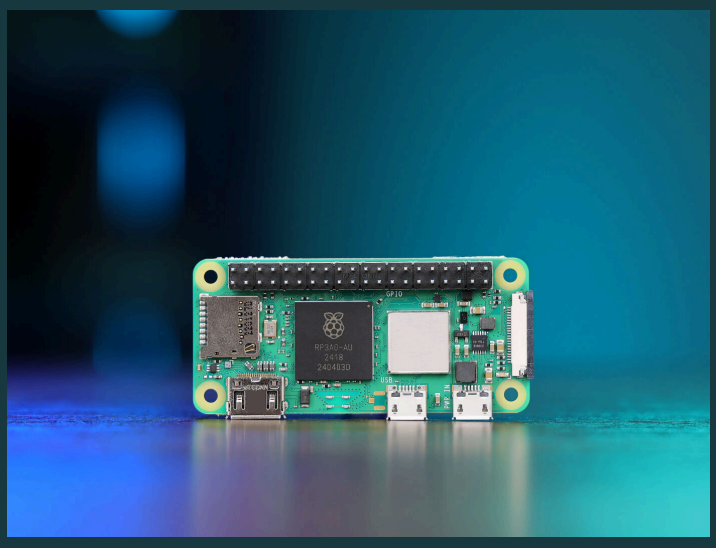
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INDUSTRIAL PRODUCT DATASHEET

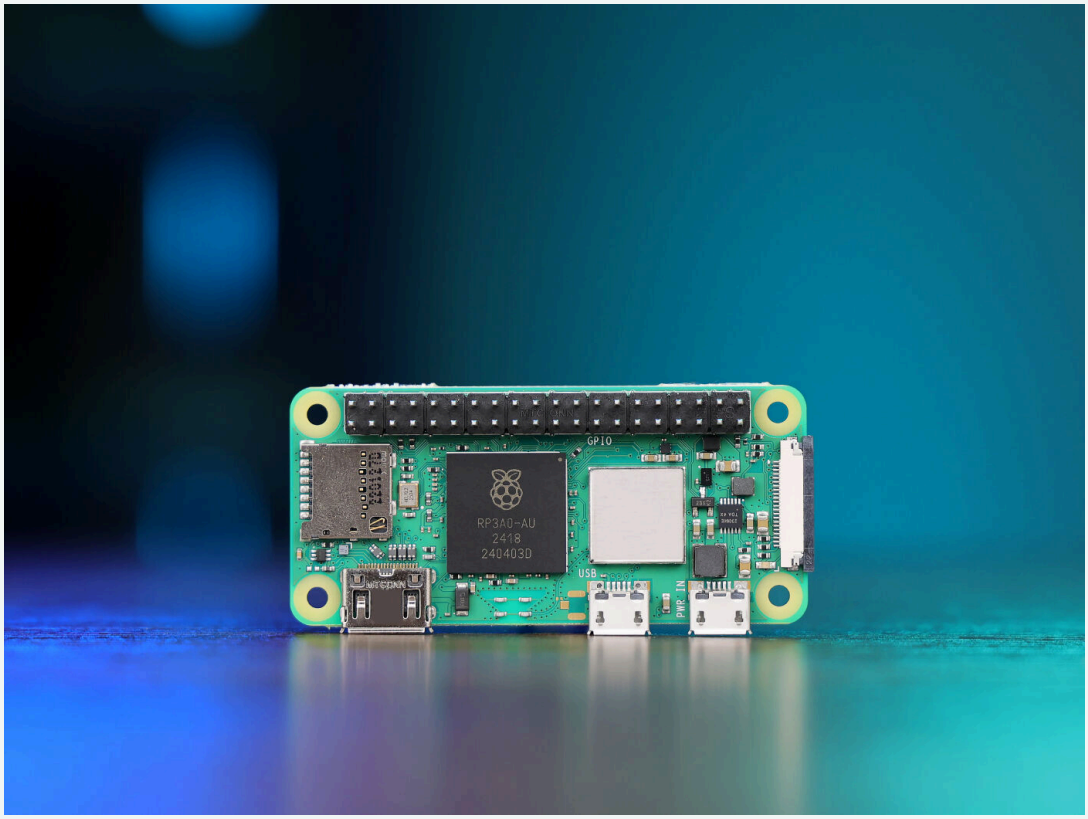
Raspberry Pi Zero 2 W with Header (with quad-core CPU,Bluetooth 4.2,BLE,onboard antenna ,etc.)

Raspberry Pi Zero 2 W is the latest product (2021) in our most affordable range of single-board computers.

SKU	UPDATED	PRICE
102111003	2026-11-11 09:05:14	$18.00(Excl. VAT)



Overview



Raspberry Pi Zero 2 W is the latest product (2021) in our most affordable range of single-board computers. The upgraded processor provides Raspberry Pi Zero 2 W with 40% more single-threaded performance, and five times more multi-threaded performance, than the original single-core Raspberry Pi Zero. This version is with a pre-soldered 40-pin GPIO header to make it easier to access the GPIO and Power pins.

Key Features

01 Mounted with headers and ready for use

02 11 b/g/n wireless LAN (2.4 GHz only)

03 Bluetooth 4.2 / Bluetooth Low Energy (BLE)

04 Small form factor, suitable for various DIY projects

05 Expansion – Unpopulated 40-pin HAT-compatible I/O header

06 Footprint-compatible with earlier members of the Raspberry Pi Zero family

07 Available in RP3A0 System-in-Package

08 Composite video and reset pins via solder test points

09 Quad-core 64-bit ARM Cortex-A53 processor clocked at 1Ghz

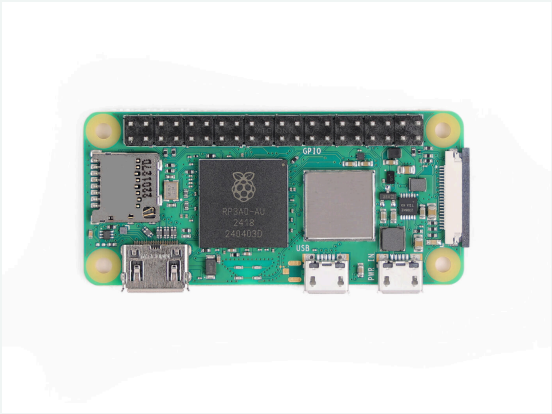
10 Includes 512MB LPDDR2 SDRAM

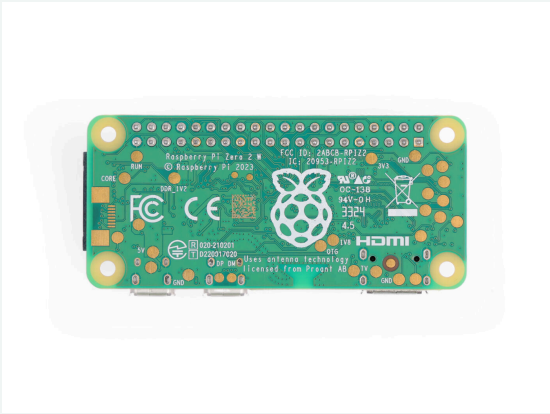
11 Built-in Wi-Fi capability, ideal for IoT and robotics projects

Product Gallery

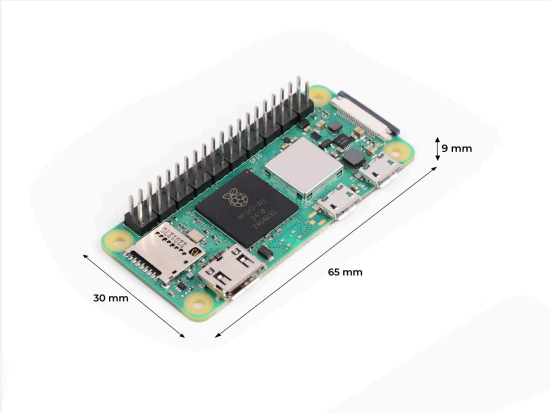












Applications

- **Intelligent Environmental Monitoring**
- **Security monitoring system**
- **IoT and robotics projects**
- **Attention::** Any external power supply used with Raspberry Pi Zero 2 W shall comply with relevant regulations and standards applicable in the country of intended use.
- **This product should be operated in a well-ventilated environment, and if used inside a case, the case should not be covered.**
- **Whilst in use, this product should be placed on a stable, flat, non-conductive surface, and should not be contacted by conductive items.**
- **The connection of incompatible devices to Raspberry Pi Zero 2 W may affect compliance, result in damage to the unit, and invalidate the warranty.**
- **All peripherals used with this product should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to keyboards, monitors, and mice when used in conjunction with Raspberry Pi Zero 2 W.**
- **The cables and connectors of all peripherals used with this product must have adequate insulation so that relevant safety requirements are met.**
- **To avoid malfunction or damage to this product, please observe the following:**
- **Do not expose to water or moisture, or place on a conductive surface whilst in operation.:** Do not expose to heat from any source; Raspberry Pi Zero 2 W is designed for reliable operation at normal ambient temperatures.
- **Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.**

Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-Zero-2-W-with-Header-p-5935.html

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