

INDUSTRIAL PRODUCT DATASHEET

Raspberry Pi Zero WH, WiFi/Bluetooth 4.1, Bluetooth Low Energy, HAT compatible 40-pin header, CSI camera connector, USRT, SPI, I2C, with headers

Compact Raspberry Pi Zero WH development board with Wi-Fi, Bluetooth 4.1, and a 40-pin header for IoT, home automation, portable, robotics, and remote monitoring applications.

SKU

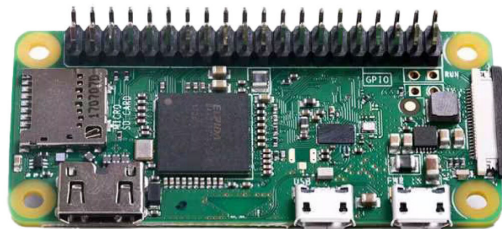
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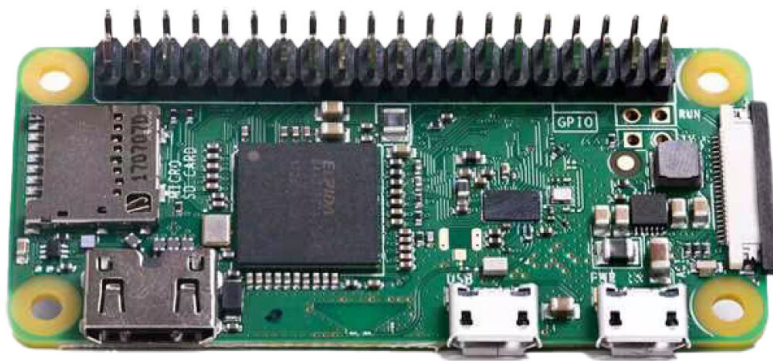
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PRICE

\$16.00(Excl. VAT)



Overview



The Raspberry Pi Zero WH is a compact Linux development board featuring a 1GHz ARM Cortex-A7 processor, 512MB LPDDR2 SDRAM, built-in 802.11n Wi-Fi, Bluetooth 4.1, a HAT-compatible 40-pin header with mounted headers, and a microSD card as the primary storage medium, measuring 65mm x 30mm x 5mm. It supports Raspberry Pi OS and is suited to Internet of Things (IoT) projects, home automation, portable projects, robotics and automation, and remote monitoring and surveillance.

Key Features

- **Compact Linux Development Board:** Equipped with a 1GHz ARM Cortex-A7 processor supporting Raspberry Pi OS, with a size of only 65mm x 30mm x 5mm
- **Ready-to-use:** Mounted with headers and ready for use
- **Wireless Connection:** Built-in 802.11n Wi-Fi and Bluetooth 4.1
- **40-pins compatible Raspberry Pi:** Compatible with connecting sensors, actuators, and other electronic components
- **Extended Memory:** Utilize 512MB of LPDDR2 SDRAM and a microSD card as the primary storage medium

Product Gallery



Specification

Specification		Details
Platform	Processor	Broadcom BCM2835
	Frequency	1GHz, Single-core CPU
Memory	Capacity	512MB
	Technology	LPDDR2 SDRAM
Wireless	Wi-Fi	2.4GHz IEEE 802.11b/g/n
	Bluetooth	Bluetooth 4.1, BLE
Video	HDMI	Mini HDMI
	CSI	CSI camera connector(v1.3 only)
USB	Port	Micro USB On-The-Go (OTG) port
GPIO	Header	HAT-compatible 40-pin header
	Additional Header	Composite video and reset headers

Power	port	Micro USB power port
	Voltage	5V DC
	Current	2.5A
Temperature	Operating Temperature	-20°C to +70°C
Mechanical	Dimensions	65mm × 30mm × 5mm
	Weight	9g

Applications

- Internet of Things (IoT) Projects
- Home Automation
- Portable Projects
- Robotics and Automation
- Remote Monitoring and Surveillance

Part List

Raspberry Pi Zero W	x 1
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Compliance & Logistics



HSCODE	8517180050
USHSCODE	8517180050
EUHSCODE	8471707000
COO	UNITED KINGDOM

Resource Links

- <https://www.seeedstudio.com/Raspberry-Pi-Zero-WH-p-4401.html>
- [NOOBS Download](#)
- [Teach, learn, and make with the Raspberry Pi Foundation](#)

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