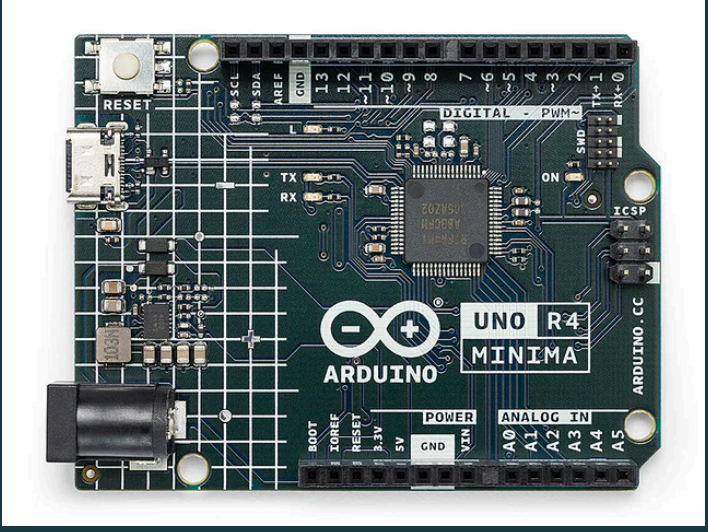
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INDUSTRIAL PRODUCT DATASHEET

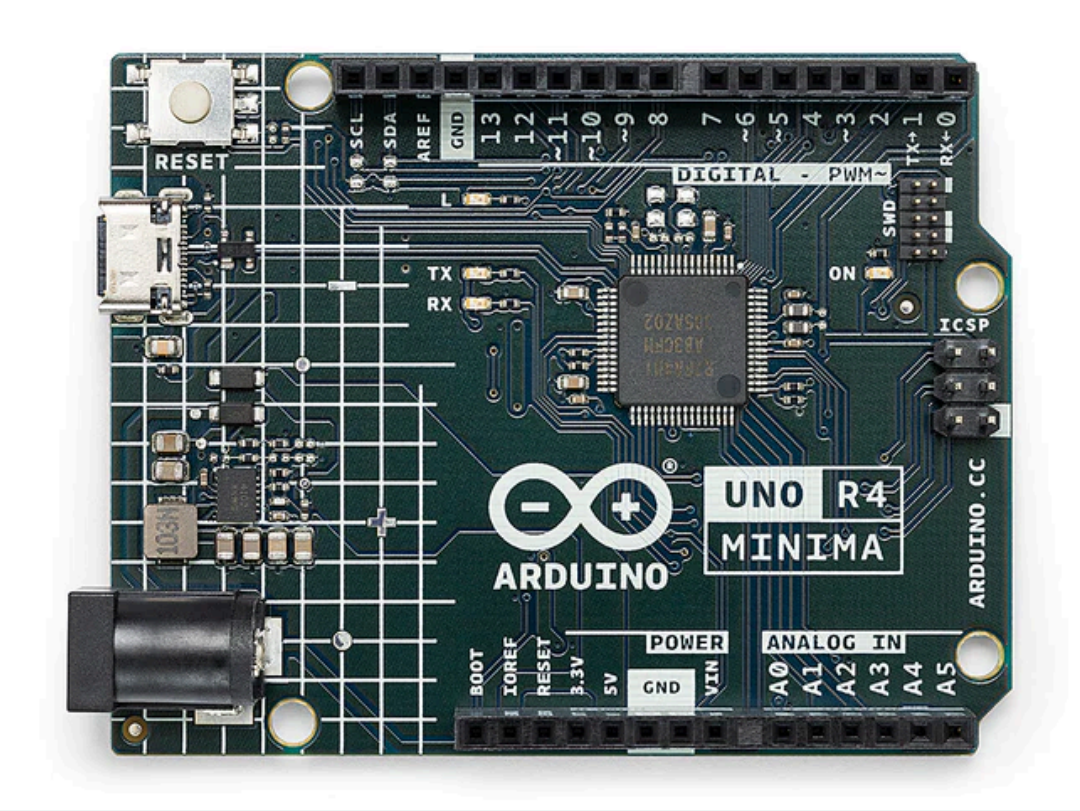
Arduino UNO Rev4 Minima, 32-bit microprocessor, Arm® Cortex®-M4, 12-bit DAC, CAN BUS, and OP AMP, 6-24V, SWD connector, HID support

The Arduino UNO R4 Minima features a 32-bit RA4M1 microcontroller and maintains UNO compatibility while offering expanded memory, faster clock speed, and additional onboard peripherals.

SKU	UPDATED	PRICE
102991795	2026-11-11 08:59:16	$20.00(Excl. VAT)



Overview



The Arduino UNO R4 Minima features a 32-bit RA4M1 microcontroller and maintains UNO compatibility while offering expanded memory, faster clock speed, and additional onboard peripherals. It also supports 6-24V input voltage and includes features such as an SWD connector and built-in HID support for enhanced functionality and ease of use.

Key Features

01 **Enhanced Arduino UNO Microcontroller**

Features 32-bit RA4M1 microprocessor and maintains the same form factor, pinout, and 5V operating voltage as the UNO R3

02 **Expanded memory and faster clock**

Memory capacity is 256kB, 32kB SRAM, 8kB data memory (EEPROM), and the clock speed is 48 MHz.

03 **Wider input voltage range**

Supports an input voltage range of 6-24 V, enabling seamless integration and simplifying projects by utilizing a single power source.

04 **Extra onboard peripherals**

Provide a 12-bit DAC, CAN BUS, and OP AMP, offering users expanded capabilities and flexibility in their designs

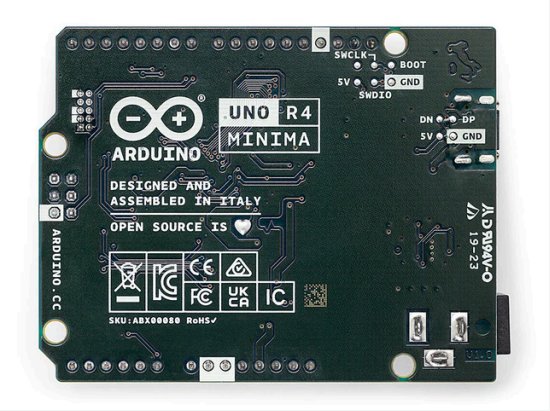
05 **HID support**

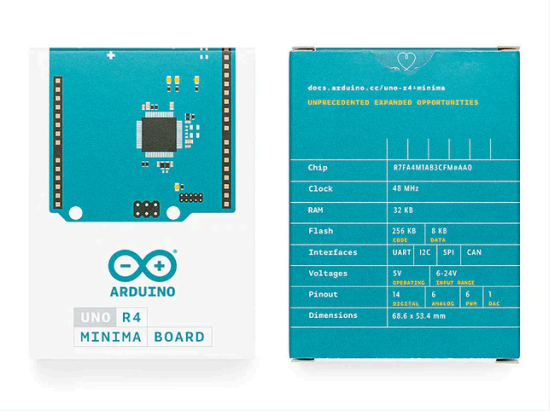
Comes with built-in HID (Human Interface Device) support, enabling it to simulate a mouse or keyboard when connected to a computer via a USB cable.

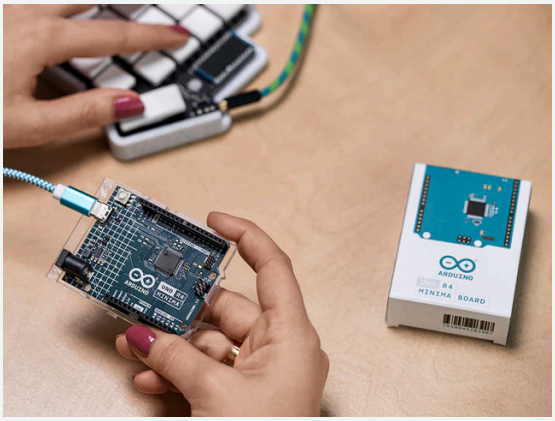
Product Gallery

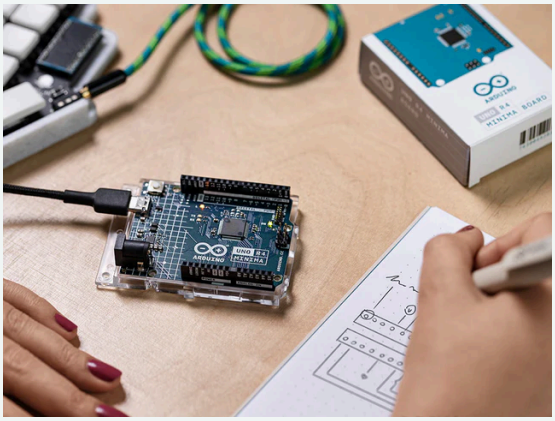


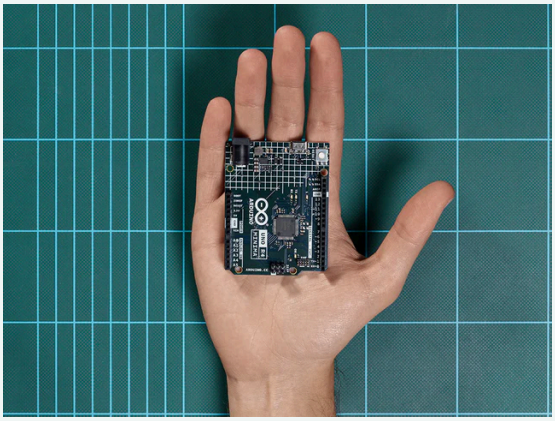












Applications

- **Fitness Trackers**
- **Smart Agriculture**
- **Wearable Health Devices**
- **Automation Control Systems**
- **Weather Monitoring**

Resource Links

- https://www.seeedstudio.com/Arduino-Uno-Rev4-Minima-p-5716.html
- Arduino UNO Rev4 Minima datasheet
- Arduino UNO Rev4 Minima schematic

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