

Item no.: 326460

ABX00021 - Arduino Uno WiFi REV2

from **48,37 EUR**

Item no.: 326460
shipping weight: 0.10 kg
Manufacturer: Arduino



Product Description

Arduino Uno WiFi REV2

Add Wi-Fi to your devices with the Arduino Uno Wi-Fi. It's basically an Arduino Uno Rev3 with more kick: It comes with a brand new 8-bit microprocessor from Microchip, and an onboard IMU (Inertial Measurement Unit). As for the Wi-Fi connection, that's made secure with the new ECC608 crypto chip accelerator.

Add this board to a device and you'll be able to connect it to a Wi-Fi network, using its secure ECC608 crypto chip accelerator. The Arduino Uno Wi-Fi is functionally the same as the Arduino Uno Rev3, but with the addition of Wi-Fi and some other enhancements. It incorporates a brand new 8-bit microprocessor from Microchip and has an onboard IMU (Inertial Measurement Unit).

The Wi-Fi module is a self-contained SoC with integrated TCP/IP protocol stack that can provide access to a Wi-Fi network, or act as an access point.

The Arduino Uno Wi-Fi has 14 digital input/output pins - 5 can be used as PWM outputs with Pin 11 that is not PWM as on the UNO Rev3 - 6 analog inputs, a USB connection, a power jack, an ICSP header, and a reset button. It contains everything needed to support the microcontroller. Simply connect it to a computer with a USB cable or power it with an AC adapter or battery to get started.

- Microcontroller: ATMEGA4809
- Operating voltage: 5 V
- Input voltage (recommended): 7 - 12 V
- Input voltage (limit): 6 - 12 V
- Digital I/O pins: 14 - 5 provide PWM output
- PWM digital I/O pins: 5
- Analog input pins: 6
- DC current per I/O pin: 20 mA
- DC current for 3.3 V pin: 50 mA
- Flash memory: 48 KB (ATMEGA4809)
- SRAM: 6,144 B (ATMEGA4809)
- EEPROM: 256 Bytes (ATMEGA4809)
- Clock speed: 16 MHz
- Built-in LEDs: 25
- Length: 68.6 mm
- Width: 53.4 mm
- Weight: 25 g

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

