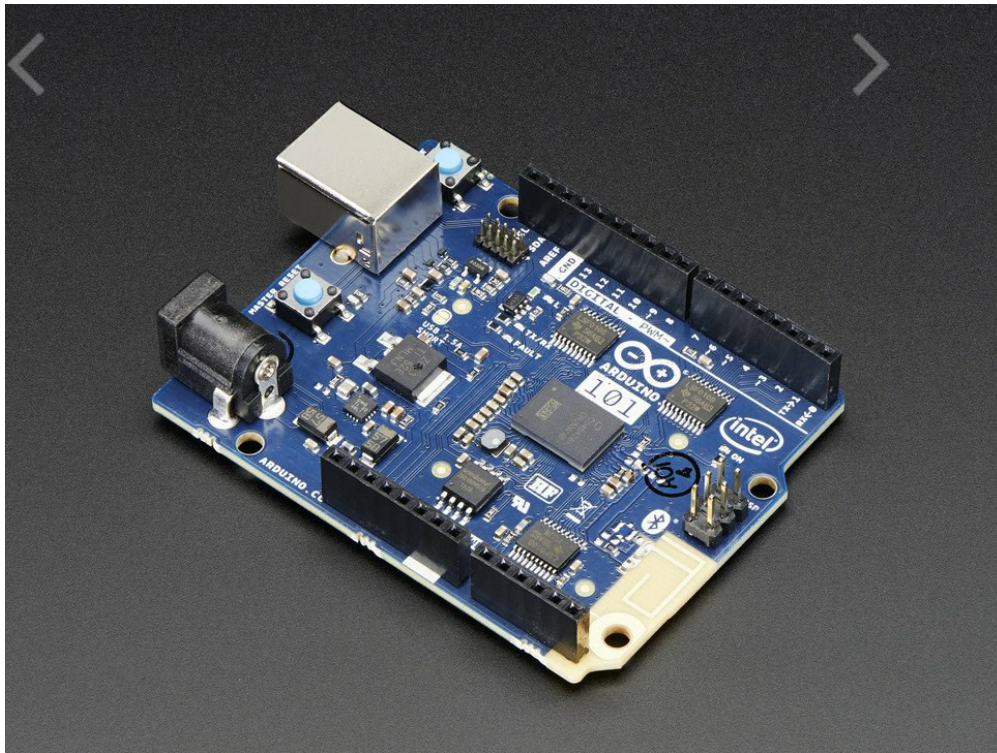




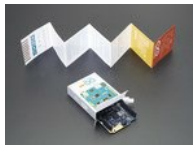
Arduino 101 with Intel Curie

PRODUCT ID: 3033

DISCONTINUED

[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



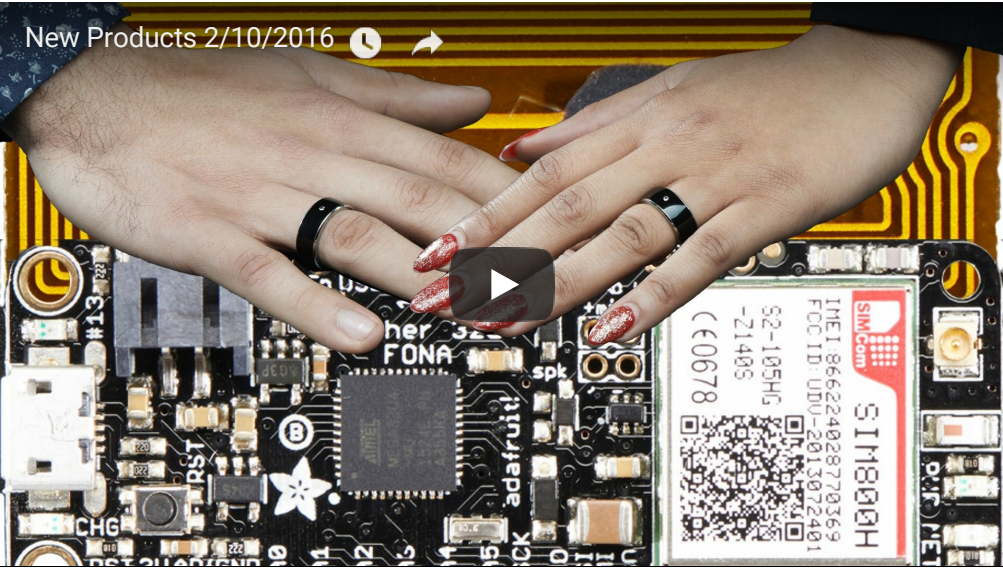
DESCRIPTION

The Arduino 101 is simple. It's a board that combines the universal appeal of Arduino with the latest technologies - like the [Intel Curie module](#), Bluetooth LE capabilities, and a 6-axis

The Arduino 101 contains two tiny cores, an x86(Quark), and a 32-bit ARC architecture core, both clocked at 32MHz. The board also comes with 14 digital input/output pins (4 can be used as PWM outputs), 6 analog inputs, a USB connector for serial communication and sketch upload, a power jack, an ICSP header with SPI signals and I2C dedicated pins. The board's operating voltage and I/O is 3.3V but all pins are protected against 5V overvoltage.

The Arduino 101 is very new, and uses a completely new core chipset! Many libraries won't work with it, it's currently recommended for makers & engineers who want to try out the latest and greatest!

This product is USA only and is designed in collaboration with Intel. [Check out Arduino's Getting Started](#) section more information on how to begin your journey with the Arduino 101!



TECHNICAL DETAILS

Dimensions (maximum):

- 75mm x 53mm x 12mm / 3.0" x 2.1" x 0.5"
- 24.6g

Specs (from <http://arduino.cc/en/Main/ArduinoBoard101>):

Microcontroller	Intel Curie
Operating Voltage	3.3V (5V tolerant I/O)
Input Voltage (recommended)	7-12V
Input Voltage (limit)	7-20V
Digital I/O Pins	14 (of which 4 provide PWM output)
PWM Digital I/O Pins	4
Analog Input Pins	6
DC Current per I/O Pin	20 mA
Flash Memory	196 kB
SRAM	24 kB
Clock Speed	32MHz
Features	Bluetooth LE, 6-axis accelerometer/gyro
Length	68.6 mm
Width	53.4 mm

There's also a bunch more technical information on the [Arduino site](#).



LEARN



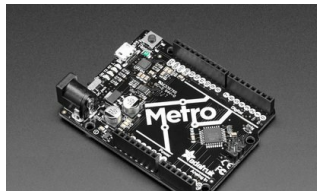
[CurieBot: Arduino 101 Mini Robot Rover](#)

The powerful, 32-bit, Bluetooth enabled, three-layer robot of the future!

MAY WE ALSO SUGGEST...



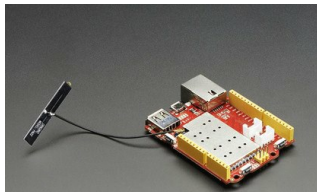
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"Two aesthetics exist: the passive aesthetic of mirrors and the active aesthetic of prisms" - Jorge Luis Borges



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