



**PRODUCT NAME :** Arduino UNO R3+1.8"  
LCD Display +Sensor Shield V5 M  
odule

**PRICE :** Rs 2,499.00  
**SKU :** RM2434



NOTE: THE PRODUCT MAY BE DIFFER FROM IMAGE SHOWN ABOVE. Copyrights by Robomart.com

## DESCRIPTION

### Robomart UNO R3:

#### Description:

This is the new Arduino Uno R3. In addition to all the features of the previous board, the Uno now uses an ATmega16U2 instead of the ATmega8U2 chip. This allows for faster transfer rates and more memory. No drivers needed for Linux or Mac (inf file for Windows is needed and included in the Arduino IDE), and the ability to have the Uno show up as a keyboard, mouse, joystick, etc.

3.3VV/5V Supply Voltage and IO Voltage is optional.

More 3.3V modules supported, such as Xbee module, Bluetooth module, RF module, GPRS module, GPS module, LCD5110 Backlight and so on, but the original version can only support 5V IO.

Add A6/A7 port.

Robomart R3 can directly use the electronic building blocks on I / O port and elicit G, V, S.

The Uno R3 also adds SDA and SCL pins next to the AREF. In addition, there are two new pins placed near the RESET pin. One is the IOREF that allow the shields to adapt to the voltage provided from the board. The other is a not connected and is reserved for future purposes. The Uno R3 works with all existing shields but can adapt to new shields which use these additional pins.

Arduino is an open-source physical computing platform based on a simple i/o board and a development environment that implements the Processing/Wiring language. Arduino can be used to develop stand-alone interactive objects or can be connected to software on your computer (e.g. Flash, Processing, MaxMSP). The open-source IDE can be downloaded for free (currently for Mac OS X, Windows, and Linux).

## Features:

- ATmega328-AU microcontroller
- Input voltage - 7-12V
- 5V Electric current : 500MA
- 3.3V Electric current : 50MA
- 14 Digital I/O Pins (6 PWM outputs)
- 8 Analog Inputs
- 32k Flash Memory
- 16Mhz Clock Speed

## Robomart SensorShield Module V5?

### Features :

- -Ready to plug & play.
- It can connect to various modules like sensors, servos, relays, buttons, potentiometers
- Each functional module has buckled port with VCC, GND and Output, which has corresponding port on the Sensor Shield, connected with a plain 2.54mm dual-female cable you may start playing already. Buckled brick cables are like cement for bricks, make the connections easier, secure and more professional looking.

## Robomart 1.8" Serial TFT LCD Display:

### Features:

- Display Mode: 1.8" TFT SPI Interface, Transmissive, Normally white;
- Display Color: 262K colors;
- Backlight Type: LED
- Resolution: 128W \* 160H Dots
- Board Size: 5.00 x 3.4cm
- View Area: 28.03W \* 35.04H mm
- Dot Size: 0.06W \* 3 \* 0.18H mm
- Dot Pitch: 0.18W \* 0.18H mm
- Viewing Angle: 6 o'clock
- SPI Bus interface
- IC Driver: ST7735R
- 5V/3.3V TTL logic Compatible, can be used in 5V/3.3V IO Arduino system directly

**Package List:**

1x Robomart UNO ATMEGA328P-PU  
1x Robomart SensorShield Module V5  
1x Robomart 1.8" Serial TFT LCD Display  
1x USB Cable