



PRODUCT NAME : Robomart Leonardo R3
 +12864 LCD+Sensor Shield V5 +I2
 C Module

PRICE : Rs 3,099.00
SKU : RM2440



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

DESCRIPTION

This is a new Robomart Leonardo R3 kit, which is easy for Arduino fans and starters to plug and play, containing one Robomart Leonardo R3, one Robomart 12864 128x64 Graphic Blue LCD ,one Robomart Sensor Shield V5. This kit helps you to save you much time to accomplish your goal.

Robomart Leonardo R3 Improved Version Board

The Robomart Leonardo is a microcontroller board based on the ATmega32u4 . It has 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro 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 a AC-to-DC adapter or battery to get started.

Microcontroller	ATmega32u4
Operating Voltage	5V
Input Voltage (recommended)	7-12V
Input Voltage (limits)	6-20V
Digital I/O Pins	20
PWM Channels	7
Analog Input Channels	12
DC Current per I/O Pin	40 mA
DC Current for 3.3V Pin	50 mA
Flash Memory	32 KB (ATmega32u4) of which 4 KB used by bootloader
SRAM	2.5 KB (ATmega32u4)
EEPROM	1 KB (ATmega32u4)
Clock Speed	16 MHz

Robomart 12864 LCD:

This is a 128x64 liquid crystal display that support Chinese character , English

characters and even graphics, very suitable for interactive work with Arduino.

Voltage: 5V

Controller: ST7920

Size: 93x70mm

Robomart Sensor Shield V5:

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.

Package List:

1x Robomart 12864 LCD Shield

1x Robomart Sensor Shield V5

1x Robomart Leonardo R3

1x USB Cable