

## (Neutral) No LOGO UNO R3 Development Board



### 1. Description

(Neutral) No LOGO UNO R3 Development Board is an MCU with ATmega328P as its core, which possesses 14 digital I/O pins and 6 analog input pins. This board also includes a 16MHz crystal oscillator, a square USB interface, a power socket and an ICSP connector. Thanks to its bootloader, programs can be downloaded directly via USB without external programmers. As for its power supply, you can choose to provide power directly through USB or external power supply such as AC-to-DC adapter and batteries.

The peripheral modules and applications of Arduino have grown rapidly due to open source codes and the C language development environment using Java concepts (cross-platform). And why does Artist adopt Arduino? Because they can create multimedia interactive works by quick communications of software (Arduino language and Flash, Processing, etc.).

Obeying the principle of open source codes, Arduino development IDE interface allows you to download and use it for free in thematic production, school teaching, motor control and interactive works.

## 2. Specifications

1. Dimensions: 53mm\*75mm\*14mm
2. Main control chip: MCU ATMEGA328
3. USB power: 5v
4. External power: DC 7-12V, 9V is recommended.
5. Digital I/O pin: 14 pins(6 of them support PWM)
6. Analog I/O pin: 6 pins
7. Built-in flash memory: 32K
8. SRAM: 2k
9. EEPROM: 1K
10. Clock speed: 16MH