



## Tech specs

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Each bundle includes:

- 1 Arduino Nano RP2040 Connect
- 1 micro USB cable
- 1 400-point breadboard
- 70 solid-core jumper wires
- 2 stranded jumper wire
- 6 phototransistors
- 3 potentiometers (10k ohm)
- 10 pushbuttons
- 1 temperature sensor (TMP36)
- 1 tilt sensor
- 1 alphanumeric LCD (16 x 2 characters)
- 1 bright white
- 28 LEDs (1 RGB, 8 red, 8 green, 8 yellow, 3 blue)
- 1 small DC motor (6/9V)
- 1 small servo motor
- 1 piezo capsule (PKM17EPP-4001-B0)
- 1 H-bridge motor driver (L293D)
- 1 optocouplers (4N35)
- 2 MOSFET transistors (IRF520)
- 5 capacitors (100uF)
- 5 diodes (1N4007)
- 1 male pin strip (40 x 1)
- 20 resistors (220 ohm)
- 5 resistors (560 ohm)
- 5 resistors (1k ohm)
- 5 resistors (4.7k ohm)
- 20 resistors (10k ohm)
- 5 resistors (1M ohm)
- 5 resistors (10M ohm)