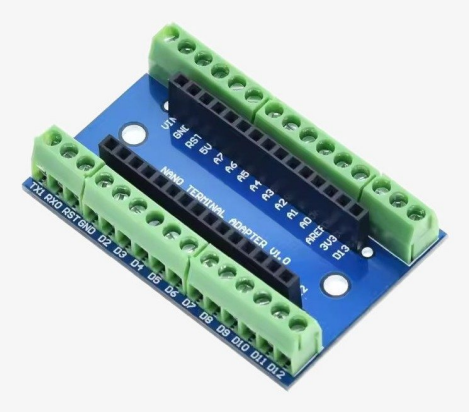
Arduino Nano Terminal Expansion Board

Easy Wiring and Terminal Adapter for Arduino Nano



The Arduino Nano Terminal Expansion Board makes wiring an Arduino Nano easier by bringing its pins to clearly labeled screw terminals. It provides a practical way to connect sensors, modules, motors and external wiring while keeping projects organized and reducing loose jumper wires.

TOP USES

- Industrial Prototyping
- Sensor Projects
- Robotics
- Automation

KEY FEATURES

- Screw Terminal Connections
- Clearly Labeled Pins
- Easy Power Distribution
- Cleaner Wiring
- Arduino Nano Compatible
- Easy Module Connection

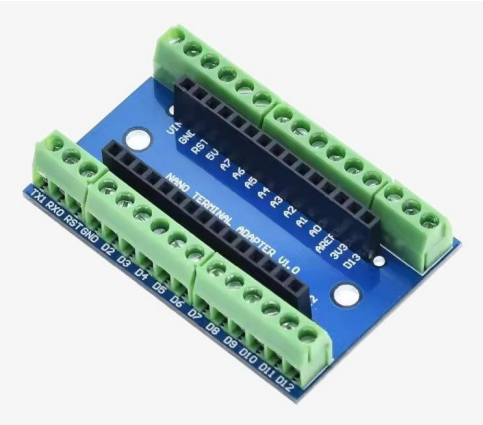
Technical Specifications

Arduino Nano Terminal Expansion Board

Parameter	Value
Board Type	Nano Terminal Expansion
Compatible Board	Arduino Nano
Connection	Screw Terminals
Digital Pins	D0 - D13
Analog Pins	A0 - A7
Power	5V / GND / VIN
Main Function	Pin and Wiring Expansion

Pinout

Arduino Nano Terminal Expansion Board



PIN FUNCTIONS

Pin	Function	Notes
D0 - D13	Digital I/O	
D3 / D5 / D6 / D9 / D10 / D11	PWM	
A0 - A7	Analog Input	
A4 / A5	I2C SDA / SCL	
D10 - D13	SPI	
D0 / D1	UART RX / TX	
5V	5 V Power	
VIN	External Input	
GND	Ground	

WIRING NOTES

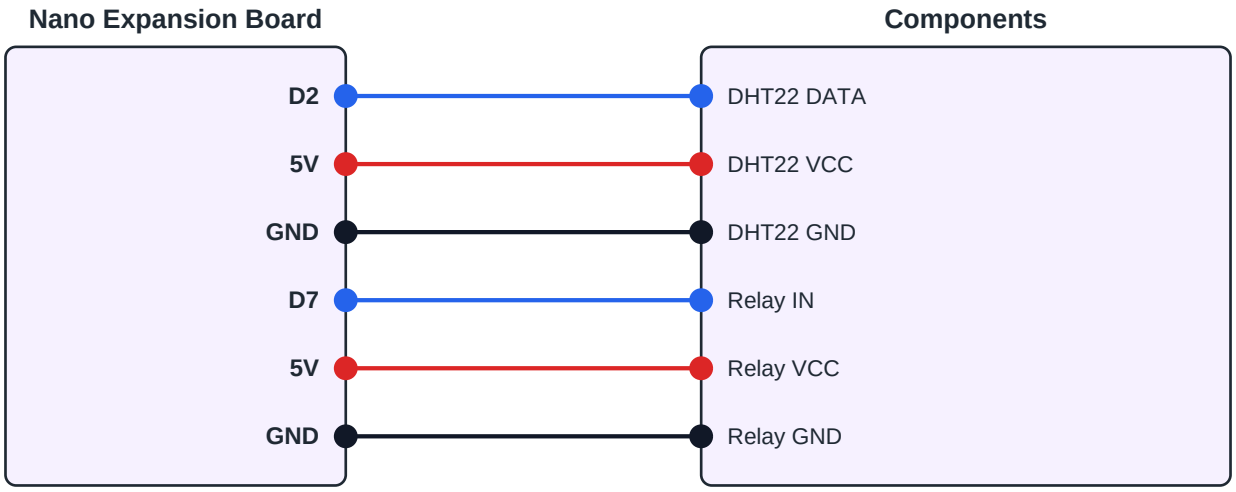
- Insert the Arduino Nano into the expansion board header with the correct orientation.
- Each terminal corresponds to a Nano pin and is clearly labeled on the board.
- Use the 5V and GND terminals for convenient sensor power connections.
- Do not exceed the voltage and current limits of the Arduino Nano pins.
- For motors and high-current loads, use a suitable external power supply.

Example Project

Nano + DHT22 + Relay

Use the terminal expansion board to connect a DHT22 sensor and relay module with organized screw-terminal wiring.

CIRCUIT



EXAMPLE CODE

```
The expansion board does not require special software. It simply provides easier access to the Arduino Na
```

EXPECTED RESULT

- Insert the Arduino Nano into the expansion board.
- Connect wires to the labeled screw terminals.
- Use the Nano pins normally in your Arduino program.
- The terminal board keeps the wiring secure and organized.

Useful Links

Arduino Nano Terminal Expansion Board

Resource	Link
Arduino Nano Documentation	https://docs.arduino.cc/hardware/nano/
Arduino IDE	https://www.arduino.cc/en/software
Arduino Language Reference	https://www.arduino.cc/reference/en/

COMPATIBLE COMPONENTS

- Arduino Nano
- DHT22
- HC-SR04
- Relay Module
- SG90 Servo
- PIR Sensor

Need this component?

Buy Arduino Nano Terminal Expansion Board >>

https://techzoneegypt.com/p/arduino-nano-terminal-expansion-board