

INDUSTRIAL PRODUCT DATASHEET

Grove Beginner Kit for Arduino - All-in-one Arduino Compatible Board with 10 Sensors and 12 Projects with Free Course

The Grove Beginner Kit for Arduino provides a comprehensive learning experience with an Arduino UNO compatible board, 10 detachable modules, 12 step-by-step projects, and a free course to explore open source hardware and...

SKU

110061162

UPDATED

2026-06-16 08:37:20

PRICE

\$22.99(Excl. VAT)



Overview

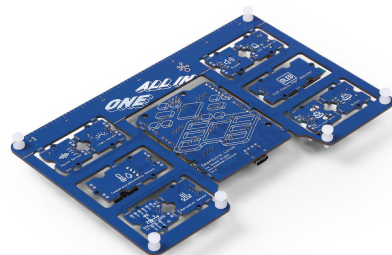
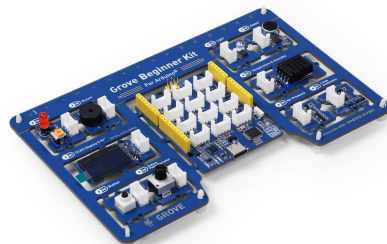
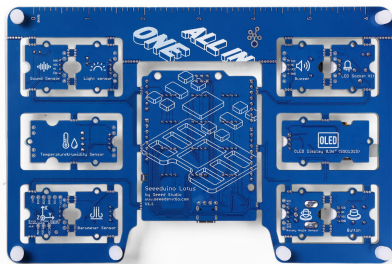
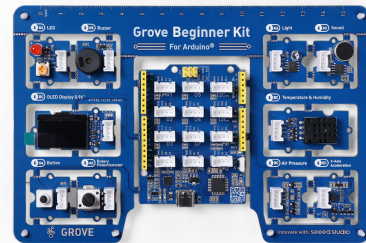
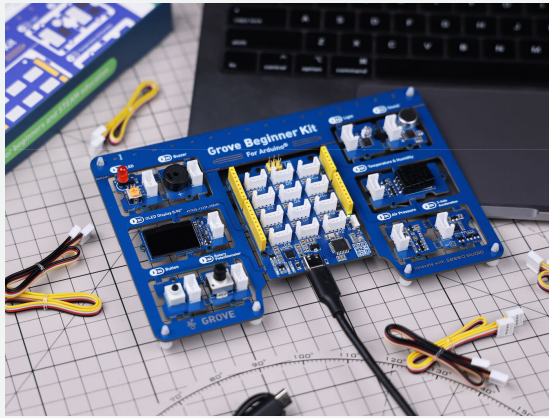


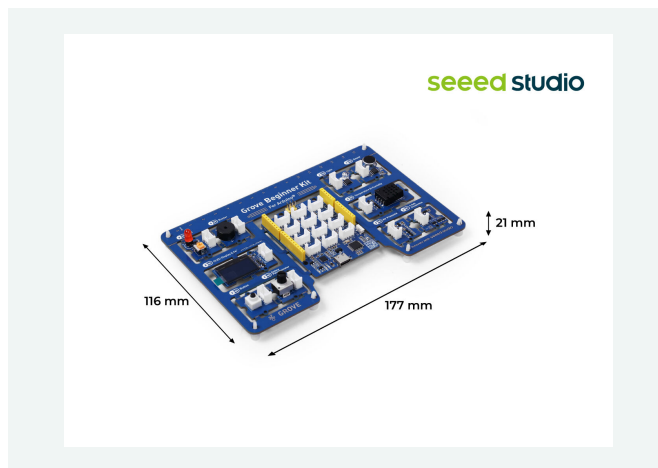
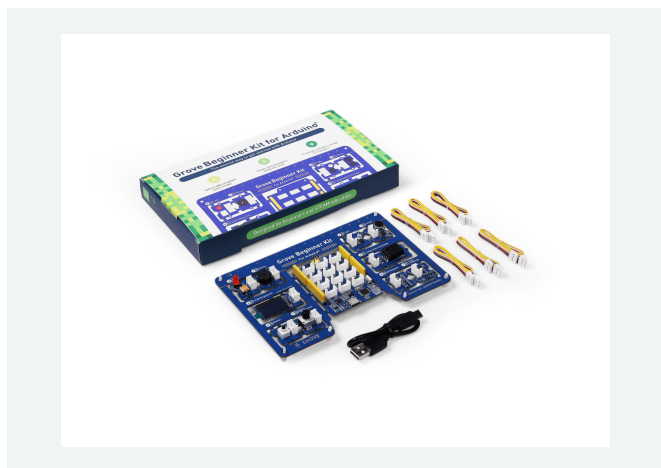
The Grove Beginner Kit for Arduino is an all-in-one board featuring an ATmega328p based Seeeduino Lotus and 10 commonly used Arduino modules, designed with detachable parts and Grove unified sockets for plug-and-play versatility. It includes a 74-page PDF wiki and 12 step-by-step project tutorials, making it friendly for beginners and STEAM education, suitable for learning basics of open source hardware, Arduino programming, and sensor communication.

Key Features

- **Arduino UNO compatible board:** ATmega328p based Seeeduino Lotus and 10 most commonly used Arduino modules.
- **Friendly to beginner and STEAM education:** 74 pages PDF wiki and 12 step by step project tutorials.
- **Detachable modules:** Each part of the kit can be disassembled and used to maximise the use of each part of the module.
- **Grove unified socket:** The product ensures "Plug and Play" and could be versatile for various applications.

Product Gallery





Specification

Dimensions	17.69 * 11.64 * 1.88cm
Battery	Exclude

Applications

- Basics of Open Source Hardware Systems.
- Basic Arduino Programming.
- Communication principles and methods for sensors.
- Hands-on implementation of Open Source Hardware projects.

Part List

Sensors	
Temperature & Humidity Sensors	×1
3-Axis Accelerometers	×1
Air Pressure	×1
Light Sensor	×1
Sound Sensor	×1
Input Modules	
Rotary Potentiometer	×1
Button	×1
Output Modules	
LED	×1
Buzzer	×1
Display Module	
OLED Display	×1
Grove Cables	×6
USB Type-C	×1

Compliance & Logistics



HSCODE	9023009000
USHSCODE	9023000000
UPC	841454123019
EUHSCODE	9023001000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- <https://www.seeedstudio.com/Grove-Beginner-Kit-for-Arduino-p-4549.html>
- [Grove Beginner Kit for Arduino Schematic Design Files V1.0 Preview Version](#)
- [Grove Beginner Kit for Arduino Schematic Design Files V1.1 New Version](#)
- [Grove Beginner Kit for Arduino Datasheet](#)
- [Initial Arduino Firmware Demo](#)
- [Grove Beginner Kit For Arduino Resources in one](#)
- [PCN-110061162 Grove Beginner Kit for Arduino v1.0](#)

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