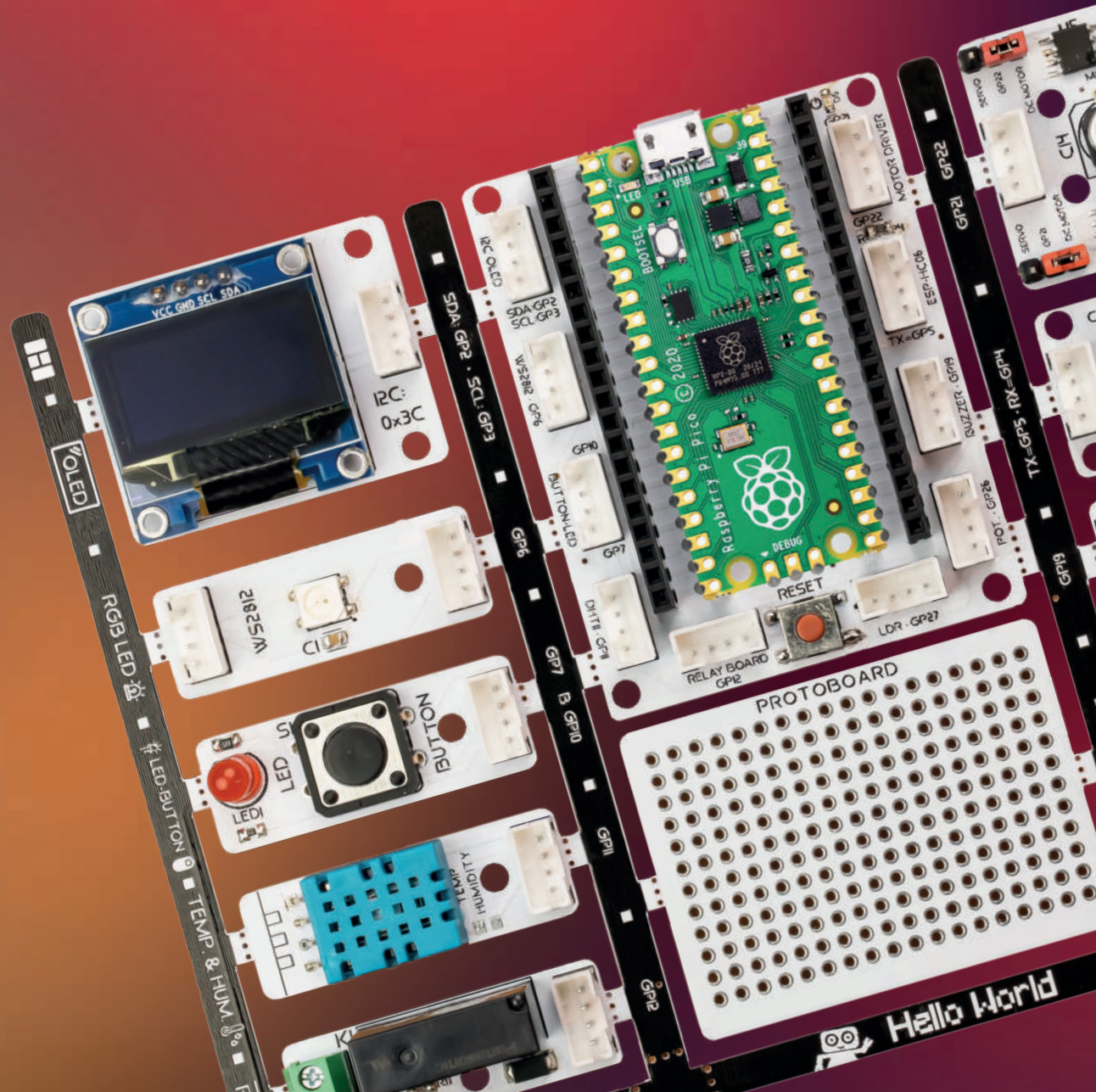




Make Run

Split Merge



what is Pico Bricks?

Pico Bricks is an electronic development board which is designed for use in maker projects. With ten detachable modules included, Pico Bricks can be used to create a wide variety of projects. It also includes a protoboard that you can use to add your own modules!



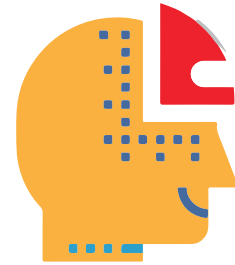
EASY



No Soldering



No Cable Mess

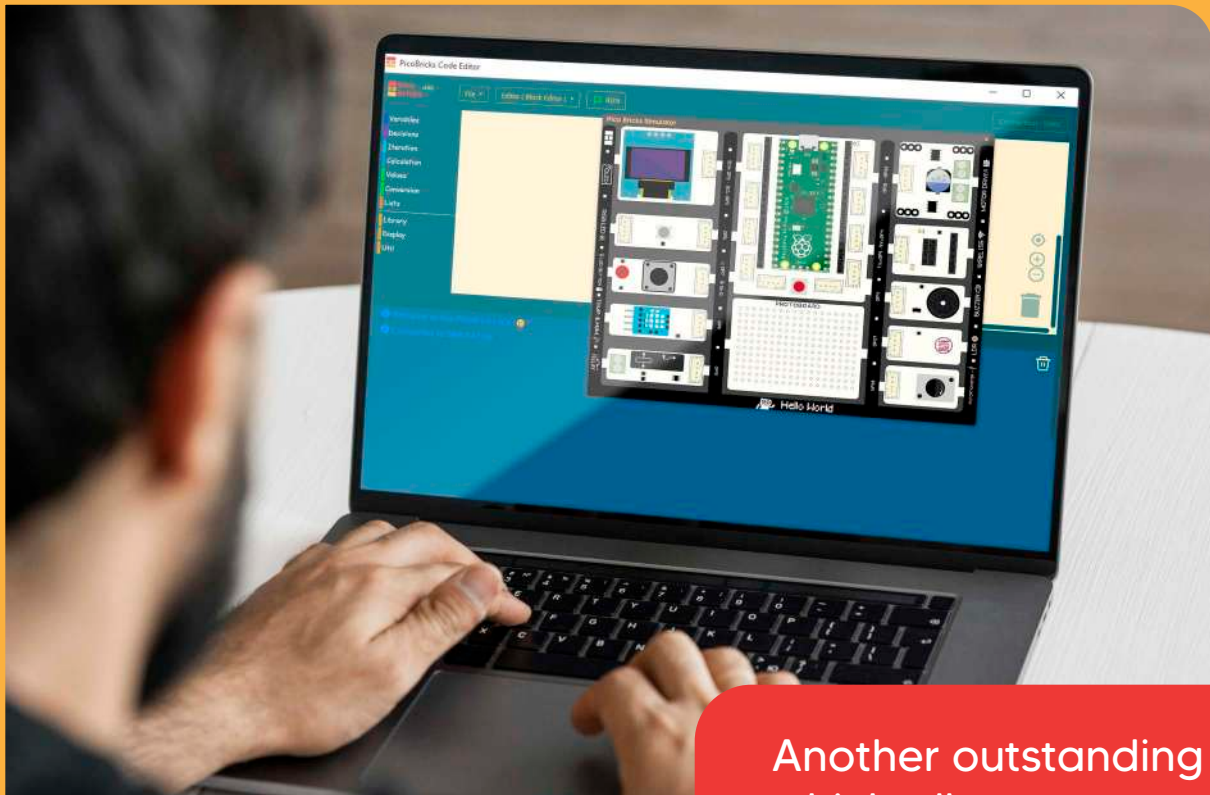


**There is Unlimited
Creativity**

PicoBricks IDE offers both block coding and written MicroPython coding support. One of its most prominent features is the ability to convert codes created with definition blocks into MicroPython codes whenever the user wishes.

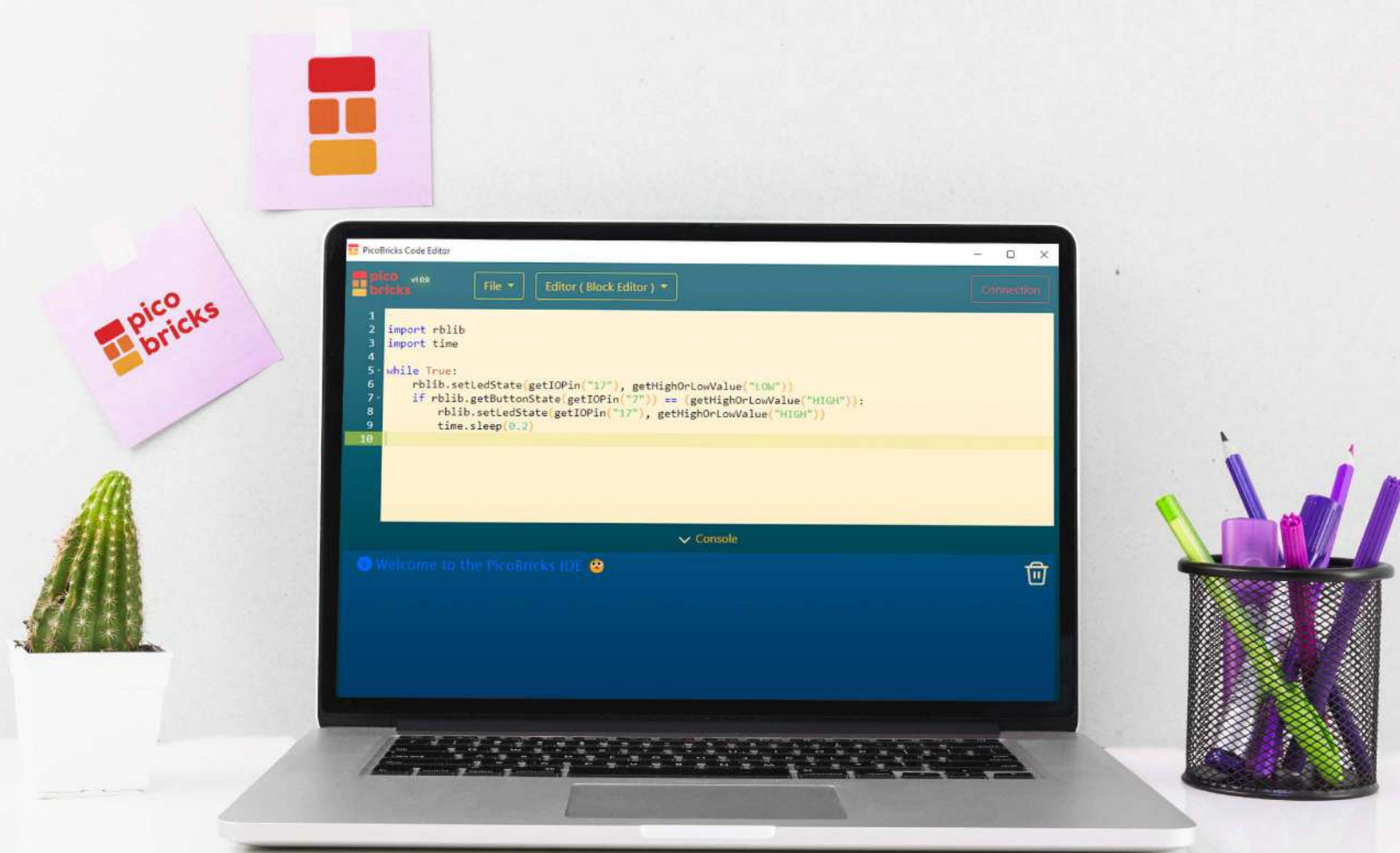
PicoBricks
Development platform





Another outstanding feature is the simulator plugin, which allows users to experience both the IDE and the development board virtually without buying the card. Especially in the classroom environment, it becomes a very effective application in situations where enough development cards cannot be obtained. Components on the development board are virtualized and the equivalent of the written codes is visually displayed on the board image.

PicoBricks IDE is an open platform for development. It is designed to work in harmony with cloud databases. In this way, after the integration is done, users can be allowed to store the codes they write in the cloud, assignments can be given by an instructor, and the progress of the users can be checked.



FOR ALL LEVELS

Kids

Students

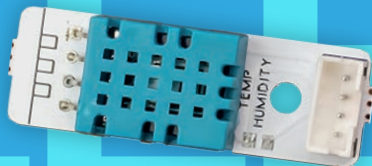
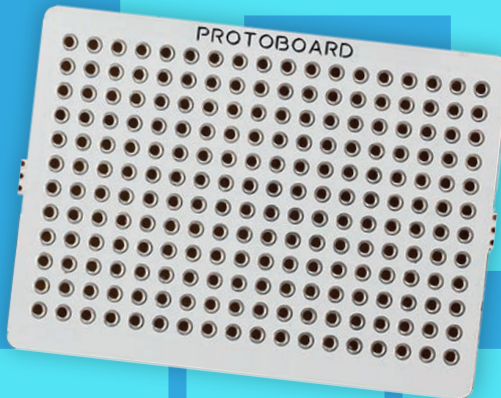
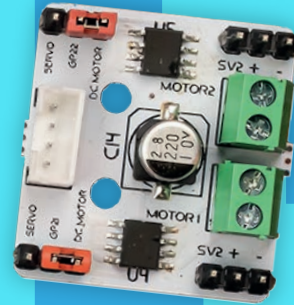
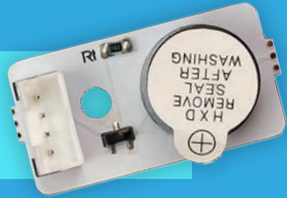
Hobbyists

Expert

Pico Bricks is for everyone interested in electronics and coding.

Beginners with no prior experience will find it easy to get started thanks to the modular hardware design, Scratch-like block coding environment. Those with experience can dig more deeply into electronics or explore coding in Python. And even the most expert makers will appreciate how quickly they can explore ideas and create prototypes with Pico Bricks.

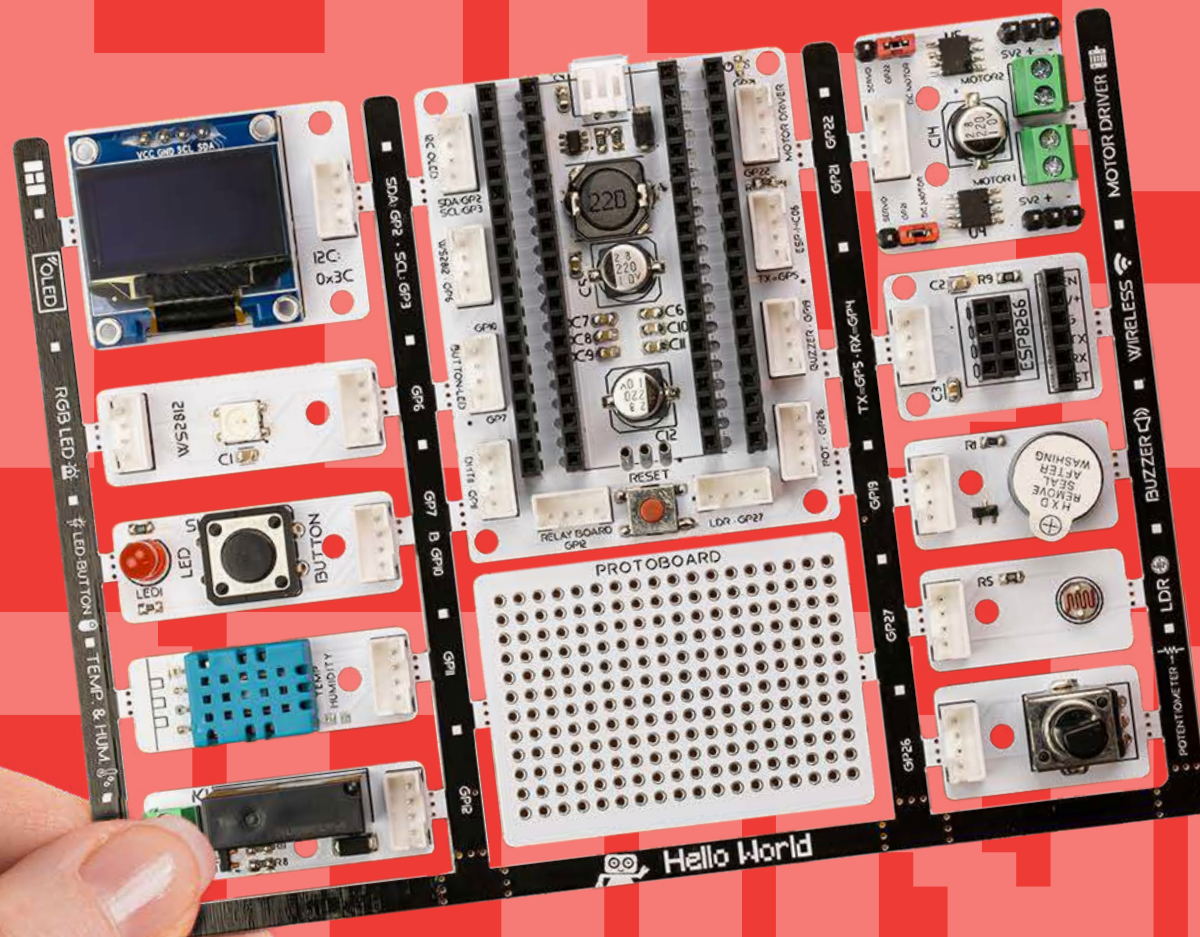
11 DETACHABLE MODULES



We Picked The Best Components For You

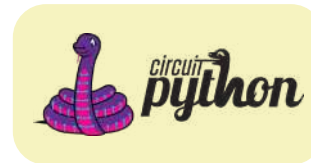
Our team has over 11 years of combined experience in the Maker industry. We've used that experience to create the perfect companion board for the Raspberry Pi Pico. The components are powerful, inexpensive, widely available and well-supported by the maker community. Documentation, projects, tutorials and examples abound. Have a question? A quick web search will provide a wealth of information.





Supports Software Environments For All Levels

Supported software development platforms



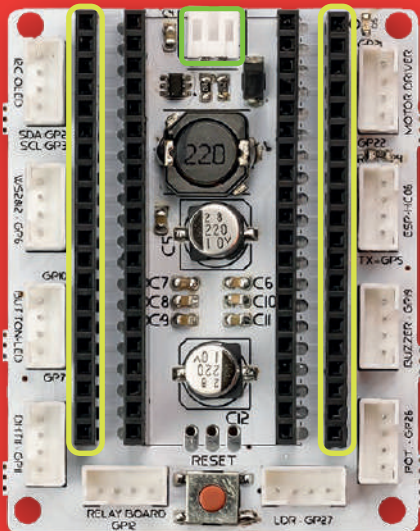
```
print('Pico Bricks supports various software  
development platforms that are useful  
for education, learning and making.')
```

Unlimited Connection Method

To run your projects without being connected to a computer.

Compatible with 2.5/5V inputs.

Battery Input



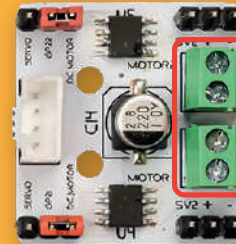
Header

Sensors, extra motors, extra LEDs, anything that can be connected to Raspberry Pi Pico.



RGB LED Connection

To connect more addressable LEDs.



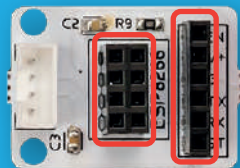
Terminals

You can use them for the direct cable connections.



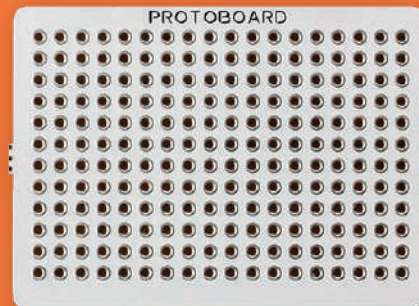
Easy Connector

After the modules are detached, they are used for connecting modules to mainboard.



IoT Board

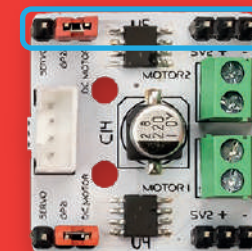
ESP-01 Wi-Fi module and Bluetooth modules



Protoboard

You can use protoboard with your advanced projects where you need soldering.

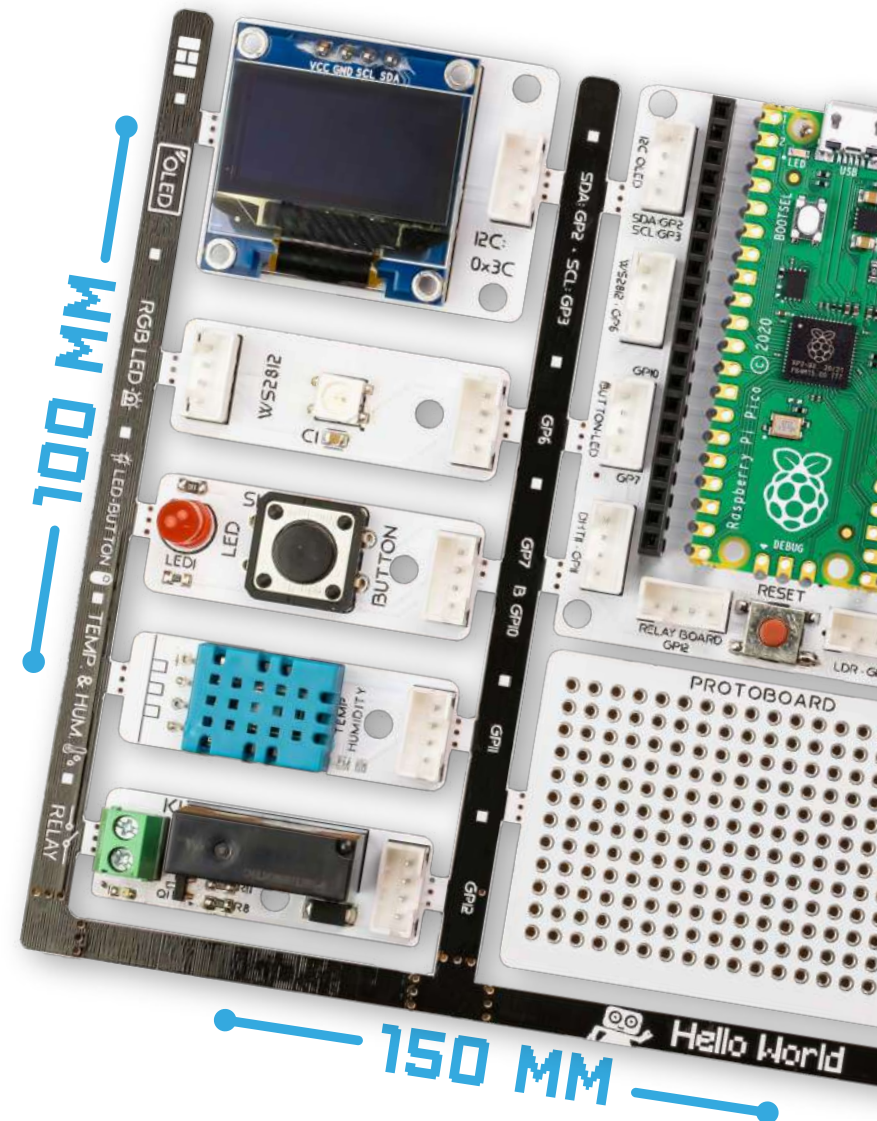
Servo Motor

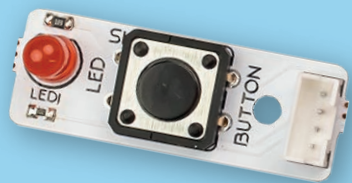
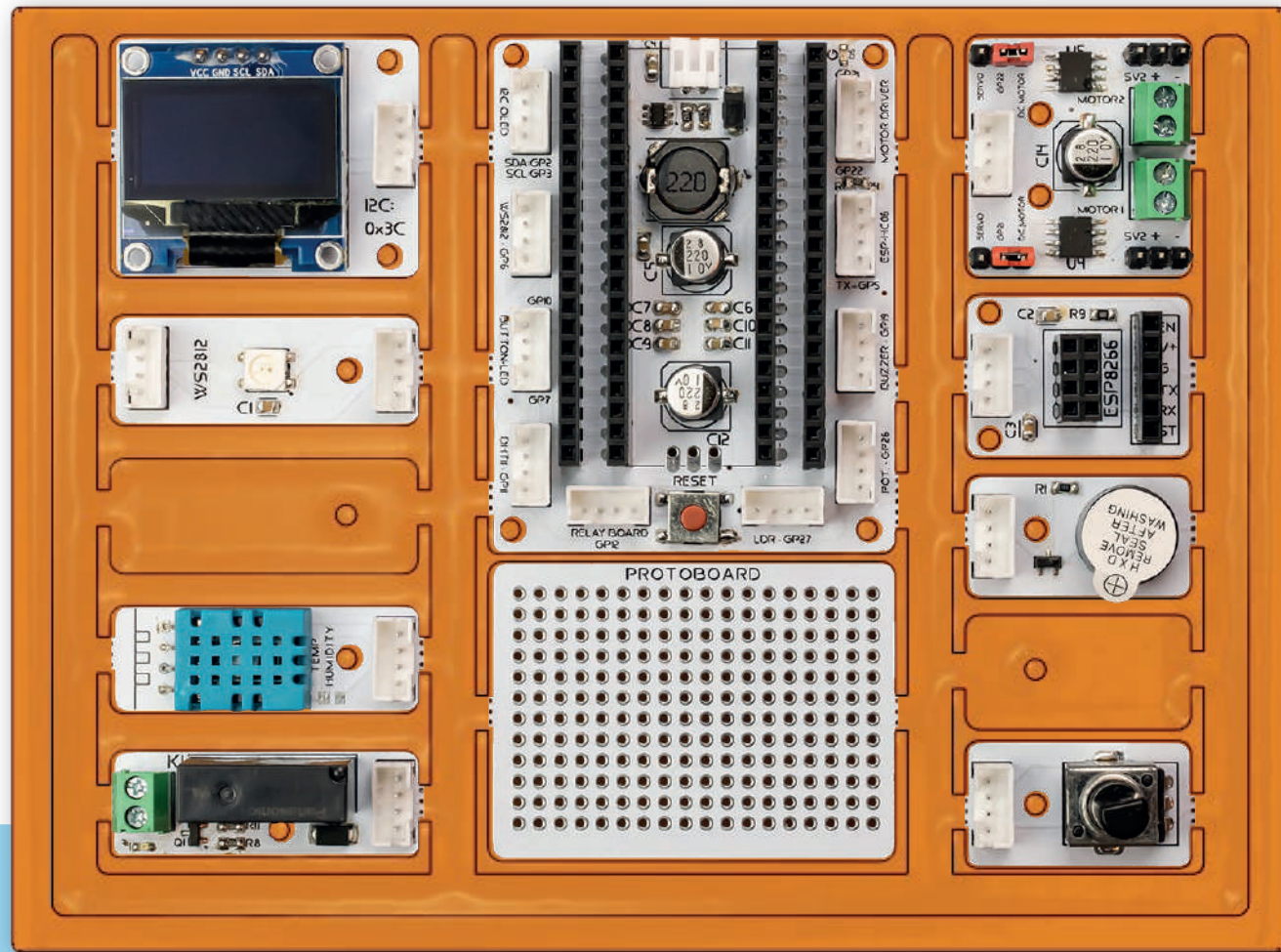


IS SMALL
IN SIZE

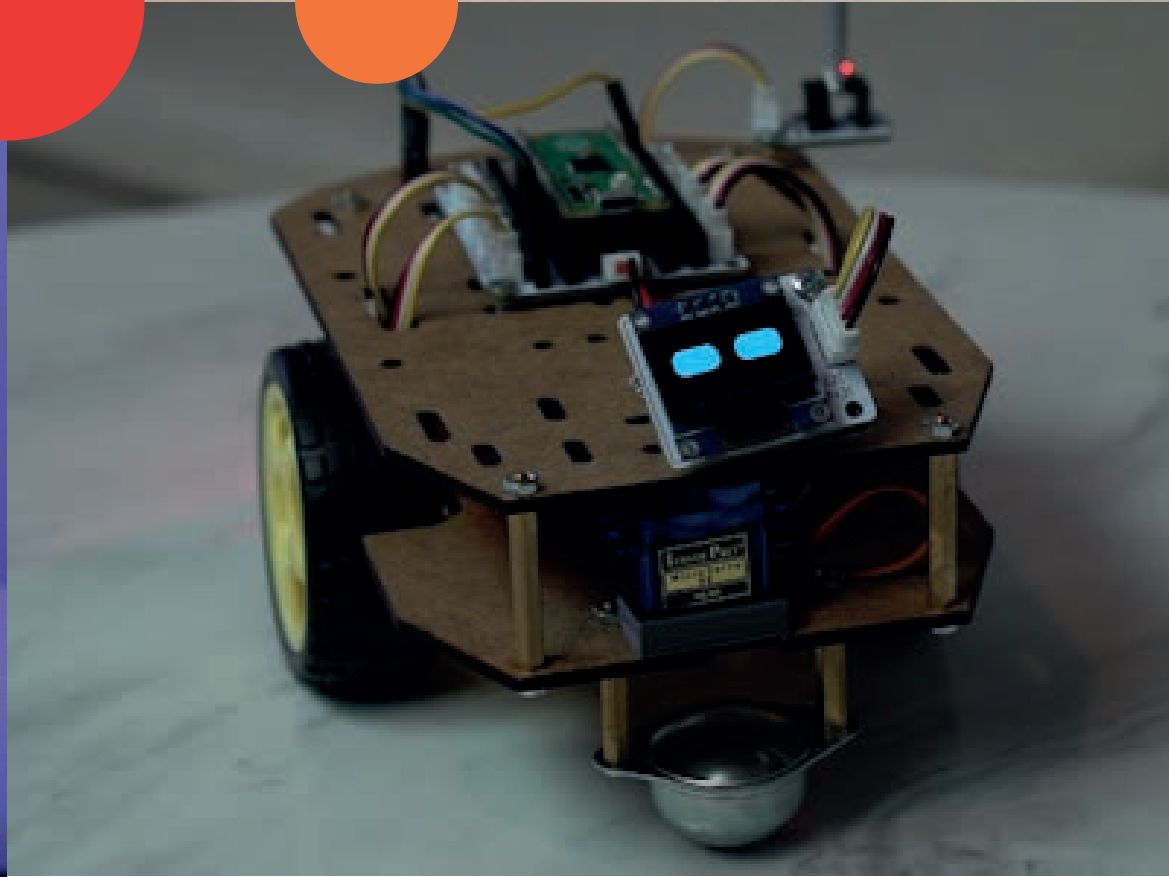
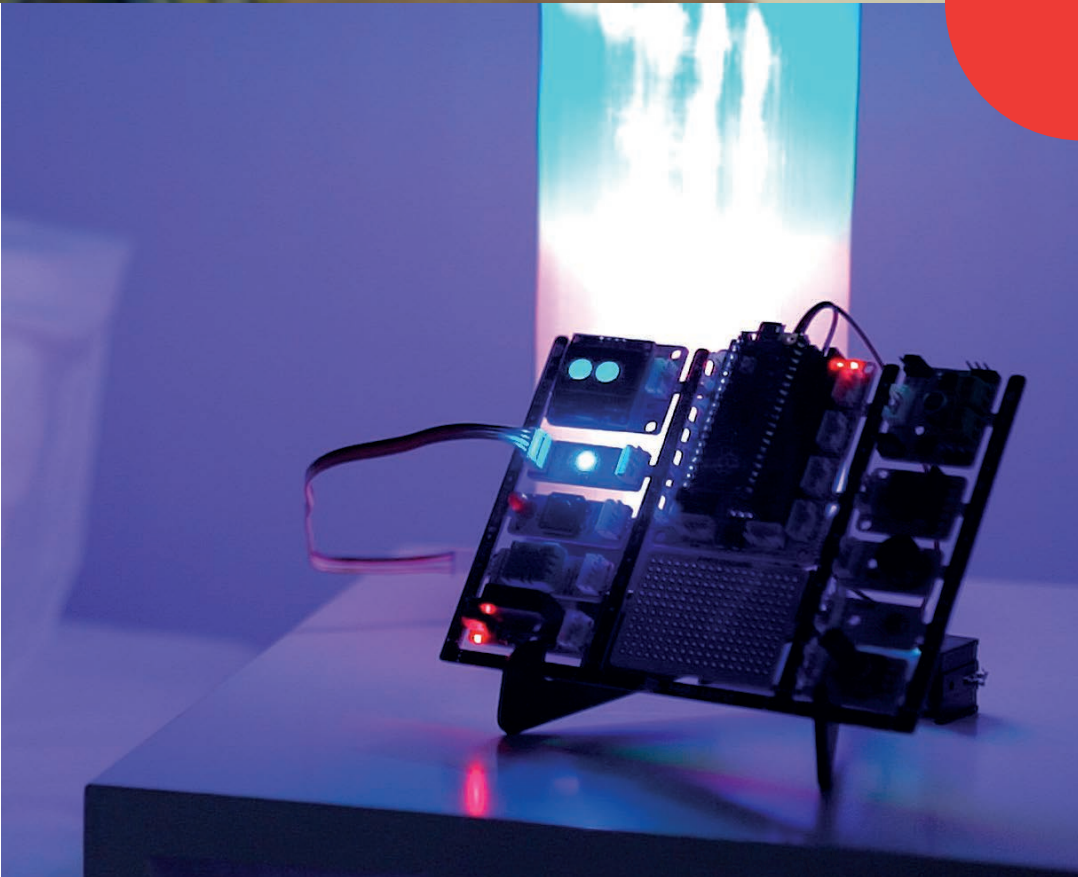
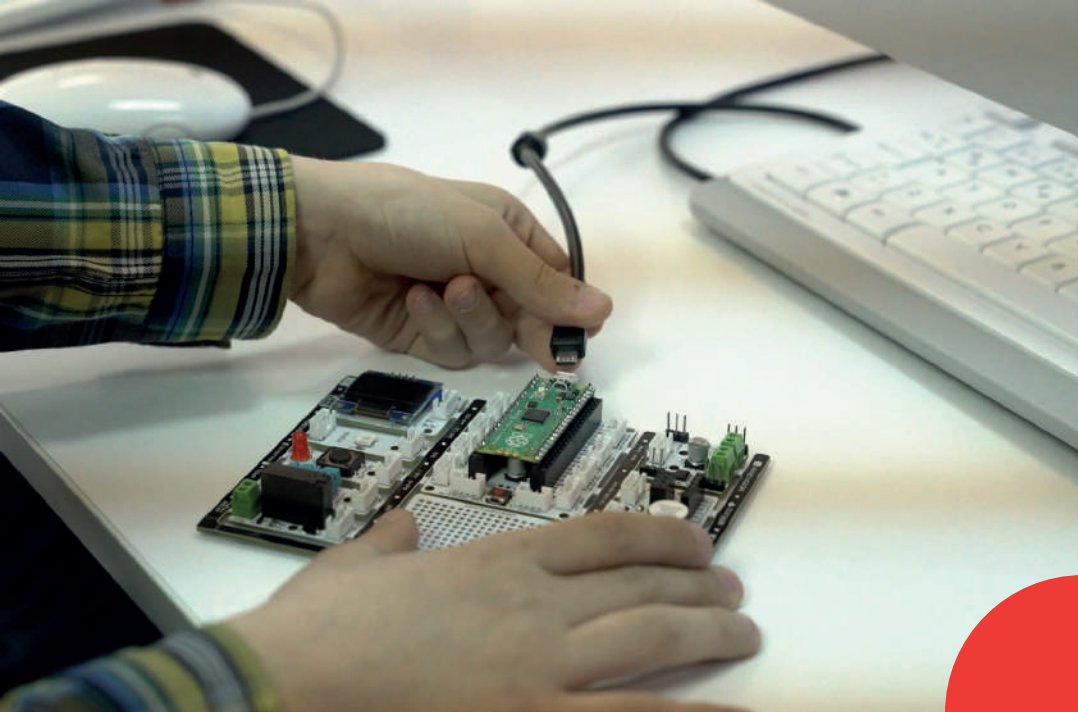


EASILY PORTABLE





There is no limit to what you can do
with Pico Bricks!



We are giving away an
e-book containing
25 projects in all sets.
You will run all modules
flawlessly with this e-book.



Compare Packages

	Lite	Basic	IOT Starter	Robotic	IOT Expert	 Zero to Hero	Classroom
Pico Bricks	●	●	●	●	●	●	● X12
Raspberry Pi Pico	●	●	●	●	●	●	● X12
E-Book	●	●	●	●	●	●	● X12
Battery Holder	●	●	●	●	●	●	● X12
USB cable		●	●	●	●	●	● X12
Mini Breadboard		●	●	●	●	●	● X12
Jumper Cables		●	●	●	●	●	● X12
Connecting Cables		●	●	●	●	●	● X12
ESP8266 WI-FI Module			●		●	●	
Bluetooth Module			●	●	●	●	
Servo Motor			●	● X2	●	● X2	● X12
DC Motor and Propeller			●		●		● X12
PIR Sensor			●		●	●	
Soil Moisture Sensor					●	●	● X12
Triple Battery Holder				●		●	
6V 250 Rpm Motor and Wheel Set				● X2		● X2	
Mini Pan-Tilt Bracket				●		●	
2WD Robot Body Kit				●		●	
Smart Greenhouse Kit					●	●	
RC522 RFID NFC Kit						●	
Sound Sensor						●	● X12
Gas Sensor					●		
Pump					●		
Ultrasonic Sensor							● X12



picobricks.com



Join the community:



PicoBricks GitHub:

