

# PYCOM HARDWARE SETS FOR EDUCATION

We have a load of universities using our development hardware to teach tech to their students. This includes MicroPython, Embedded Development and IoT. It also includes projects for various non-tech university faculties who are connecting their remote research sites so they can collect data. It's super interesting to learn what they all get up to.

To make life easier, we've created this document to help you chose the right sets for you and your students, any additional products and any support you need. This should help make your decisions easier and get you up and running or to support your students in no time.

## WIPY DEVELOPMENT SETS

The WiPy is a dual-network development board featuring WiFi and Bluetooth and is a great starter option for introduction to IoT development in the lab.

Set Contents: WiPy development board, WiFi Antenna kit, and a Shield,) as well as 1 of the Shield Options below:

Shield Options		10 Sets	20 Sets	30 Sets	>31 Sets
		All prices in €			
with	Expansion board	373.60	747.20	1,120.80	POA
with	Pysense	449.70	899.40	1,349.10	
with	Pytrack	534.70	1,069.40	1,604.10	
with	Pyscan	509.20	1,018.40	1,527.60	

## LOPY4 DEVELOPMENT SETS

The LoPy4 is a versatile quad-network development board featuring WiFi, Bluetooth, LoRa and Sigfox.

Set Contents: LoPy4 development board, LoRa/SigFox Antenna kit, and a Shield,) as well as 1 of the Shield Options below:

Shield Options		10 Sets	20 Sets	30 Sets	>31 Sets
		All prices in €			
with	Expansion board	509.60	1,019.20	1,528.80	POA
with	Pysense	585.70	1,171.40	1,757.10	
with	Pytrack	670.70	1,341.40	2,012.10	
with	Pyscan	585.70	1,171.40	1,757.10	

## FIPY DEVELOPMENT SETS

The FiPy is the ultimate five-network development board featuring all LPWAN networks including WiFi, Bluetooth, LoRa, Sigfox and cellular Cat-M1/NB1.

Set Contents: FiPy Multipack (FiPy development board, LoRa/SigFox Antenna kit, Cellular antenna kit, and a Shield) as well as 1 of the Shield Options below:

Shield Options		10 Sets	20 Sets	30 Sets	>31 Sets
All prices in €					
with	Expansion board	748.00	1,496.00	2,244.00	POA
with	Pysense	866.60	1,733.20	2,599.80	
with	Pytrack	909.10	1,818.20	2,727.30	
with	Pyscan	883.60	1,767.20	2,650.80	

## PYGATE

Pygate is Pycom's new 8-Channel LoRa Gateway. It comes with an optional Power over Ethernet Adapter.

Some education establishments like to run their own LoRa network. The Pygate is an excellent low cost way of achieving this. Used in combination with Pycom's implementation of the Chirpstack server (opensource LoRa server) delivered from Pybytes (Pycom's device Management Platform) offers a completely independent LoRa networking environment.

	Education Price
Pygate	€ 42
Pygate with PoE	€ 59

## CASES

Pycom has a number of cases available for the development kits. They include a basic Clear plastic (various colours available) Pycase as well as a black study IP67 rated case for outdoor or wet installations.

	Education Price
Pycase	€ 6.5
IP67 Case	€ 12
Pygate Case	€ 8.5

## SIM CARDS FOR CAT-M1/NB1

Pycom can provide SIM cards for Cellular IoT networks in many places across the world. It's important to check whether these networks are available in and around your campus before you proceed to purchase of cellular connectivity.

	<b>Education Price</b>
Pycom Vodafone NB1 SIMs and Airtime Contract	Prepaid from €16.71 Monthly from €1.39 month per SIM
Pycom Cat-M1 SIMs and Airtime contract	Coming Soon!

## SUPPORT

Pycom has developers available to provide support at any stage during the program. Support can be added to the program at the onset by adding the number of hours you think you require. The support is provided on a remote basis via a Skype or a conference call facility and the hours can be used for lecturer tuition, product walk through for the set, Q&A sessions, evangelist support for students or other activities. The price for support hours is €100 per hour.

## ORDER PROCESS

1. First, determine which LPWAN networks you would like to work with, chose a Development Set accordingly.
2. Then, decide whether you want a LoRa gateway, SIM cards, accessories and/or support.
3. Next, get a PO number from your university Finance or purchasing department
4. Send an order email with the PO to [sales@pycom.io](mailto:sales@pycom.io)
5. Receive an order confirmation from Pycom and an invoice for your finance department
6. Shipping times permitting, within 1-2 weeks you will receive your sets
7. Make sure your Finance department pays their invoice on time 😊