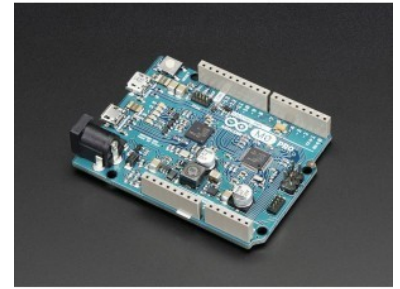




PRODUCT NAME : M0 Pro - 32 bit Cortex M0 with Debug Interface

PRICE : Rs 4,599.00

SKU : RM3221



DESCRIPTION

With the new **M0 Pro** board, the more creative individual will have the potential to create one's most imaginative and new ideas for IoT devices, wearable technologies, high tech automation, wild robotics and other not yet thinkable adventures in the world of makers.

Note: As of July 23rd, 2015 Adafruit is shipping the M0 Pro which is the predecessor to [the Arduino Zero](#). It is *functionally similar to the official Arduino Zero*. One key change is pins #2 and #4 are swapped, there may be other changes but that's the main one we found

The M0 Pro represents a simple, yet powerful, 32-bit extension of the Arduino UNO platform. The board is powered by Atmel's SAMD21 MCU, featuring a 32-bit ARM Cortex® M0 core. With the addition of the M0 board, the Arduino family becomes larger with a new member providing increased performance.

The power of its Atmel's core gives this board an upgraded flexibility and boosts the scope of projects one can think of and make; moreover, it makes the M0 Pro the ideal educational tool for learning about 32-bit application development.

Atmel's Embedded Debugger (EDBG), integrated in the board, provides a full debug interface with no need for additional hardware, making debugging much easier. EDBG additionally supports a virtual COM port for device programming and traditional Arduino boot loader functionality uses.

Please note: We at Adafruit haven't had a chance to really play with the M0 but we thought we'd offer it up to our customers who would appreciate getting an early look! Chances are a vast majority of libraries, shields and other Arduino add-ons will not work out-of-the-box. The M0 is for advanced hackers only at this time