Adafruit DragonTail for micro:bit – Fully Assembled   PRODUCT ID: 3695

Sometimes I dream of having a miniature pet dragon that would sit on my shoulder, while I write code and build projects. Maybe its little snorts of fire could even heat up my soldering iron after I turn it on? An adorable fantasy, I know... So while we're all waiting for genetic engineering to catch up with our desires, this DragonTail breakout will have to do!

The BBC micro:bit is a cute, all-in-one learning board, with LEDs, sensors, and even a Bluetooth LE radio built in. What it *doesn't* have is a set of 0.1" headers, for breadboard compatibility. Instead, there's a PCB 'card edge' connector that can slot into a matching socket. Now, if you want to hook up a servo, some NeoPixels, or some other simple component, you could use our alligator-to-header cables, and that will let you connect one or two parts to the power and P0, P1 or P2 pads. But...those alligator clips can slip around, and you don't get access to some of the more fun i/o pins, like I2C.

So, we made the Adafruit DragonTail for micro:bit. This breakout board has the card-edge connector for your micro:bit, and then breaks out all the pads so that it can be plugged in to any solderless breadboard. You even get two pads for the power railing! It comes fully assembled - no soldering required. And every pad is clearly labeled: by name, if it has an analog input, and when it is shared with the LED matrix.

Would you expect any less from your friendly pet dragon?

PCB Dimensions:

- 57mm x 53.5mm x 19mm / 2.2" x 2.1" / 0.7"
- Width of T: 10.2mm / 0.4"
- Weight: 18.2g / 0.72oz

Product Weight: 18.2g / 0.6oz