

STAGE 0

Something that is all drop-ship. Closest to original idea.

5x Half size **breadboard** with jumpers \$.5-\$2 alibaba

2x Full size breadboard \$.76

2x **Proto Zero** \$3.45 19-39 days delivery aliexpress

5x **Generic proto** nearly same dimensions \$.59 19-39 days delivery aliexpress

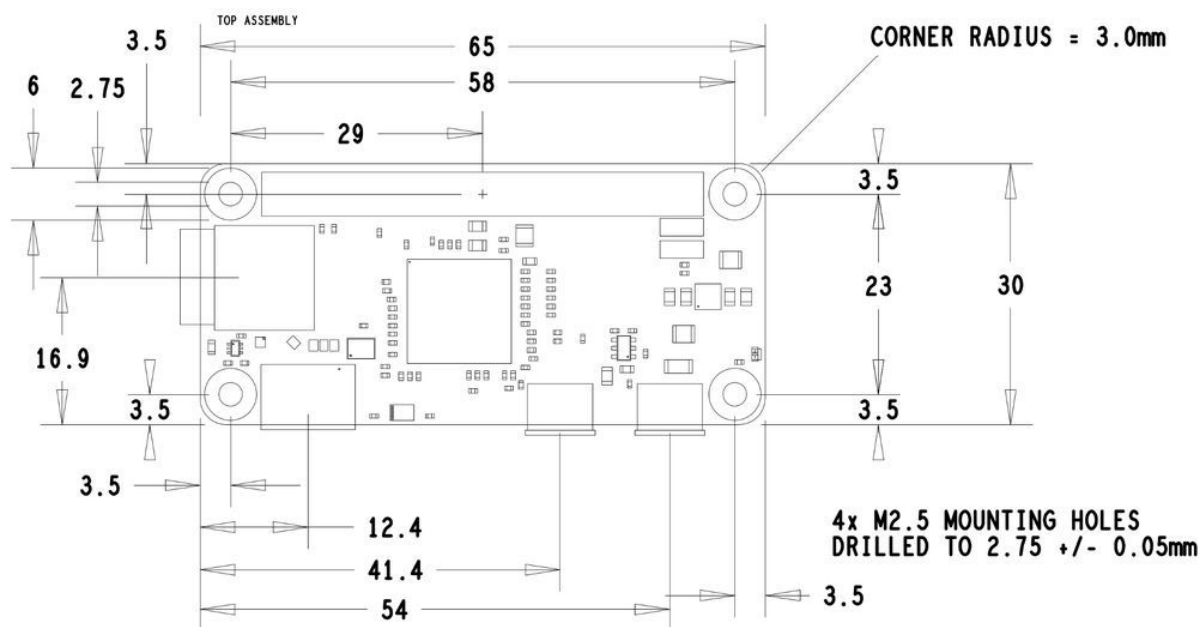
\$13.85

or \$6.95 wi/out proto zero

Double margin

\$27.70

or \$13.90



STAGE I

Flat travel breadboarding sleeve or foldout

Only know of one, in UK, \$14, out of stock. c4 labs has one in the works —there's a picture on etsy, but nothing for sale as yet. I wrote Dustin about it. Could add a margin & just resell theirs with a pre-configured UNIX box (merge our dev env tweaks; preconfigure pigpio; mandatory adafruit stuff...). Add a branded fold out carrier case with mag latch & place for the jumpers; JoAnn locates seamstress in India & determines price point they can handle. Go for volume.

Ideally would make our own with connectors interfacing underneath breadboard instead of on top. Would be 5x better and 5x better margin. But work.

This is the only product out of zillions in modmy pi that is sold out.

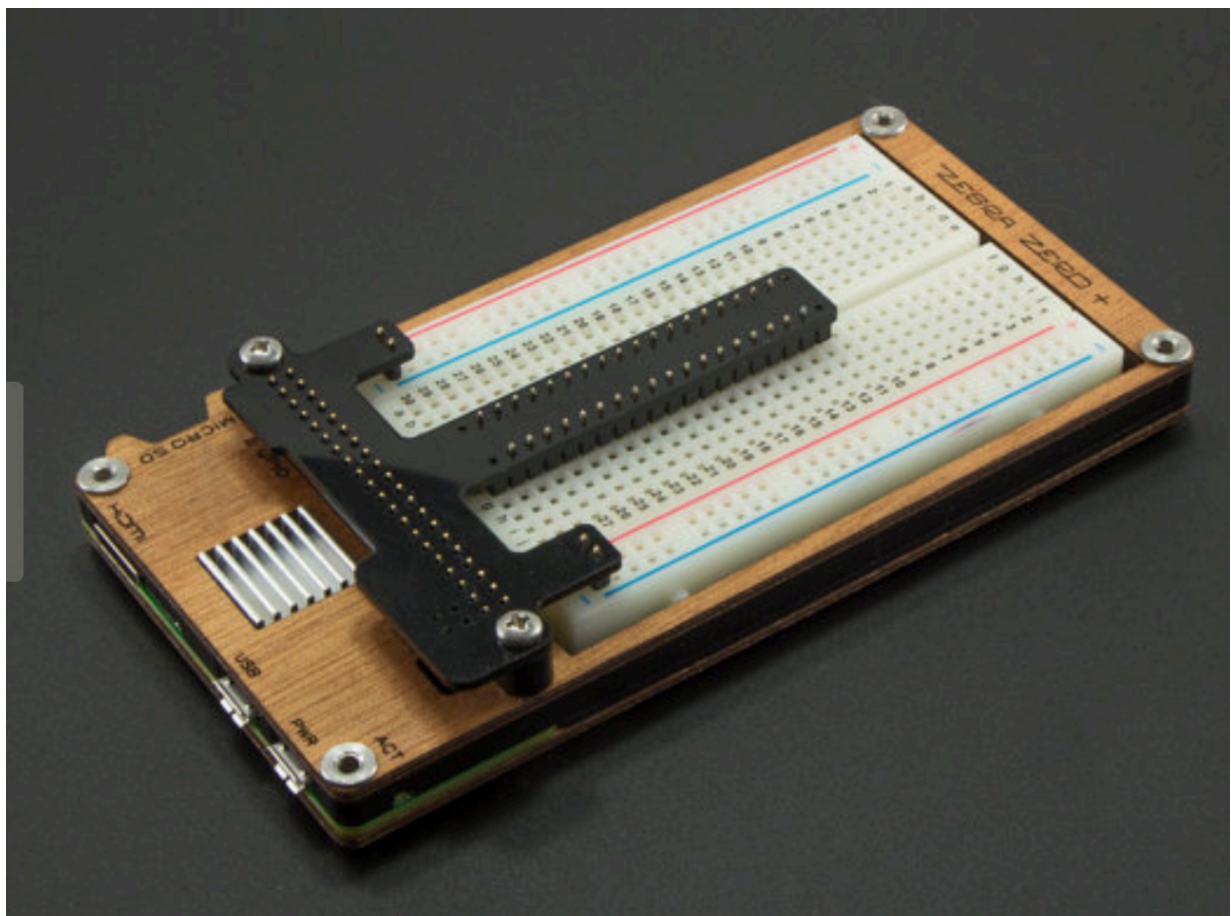
c4 labs \$10 \$15 @ Adafruit

*Doesn't include T-cobbler Where is **this** from?*

(Coming soon, there will be a breakout circuit that connects the GPIO header to the breadboard!)

China is \$2.80; ribbon header, need header like modmy pi t cobbler pro

Need to solder test—I should have the parts in the van



Better than modmypi cuz not UK, extra row of pins exposed, but doesn't exist yet. Says coming soon.

A benefit of our new **nuts is that they can accept a bolt from either end**. So if you installed a HAT or pHAT, it can be secured to the nuts on the other side.

Modmypi **version** **T-cobbler pro** \$14
Short header on top for hat

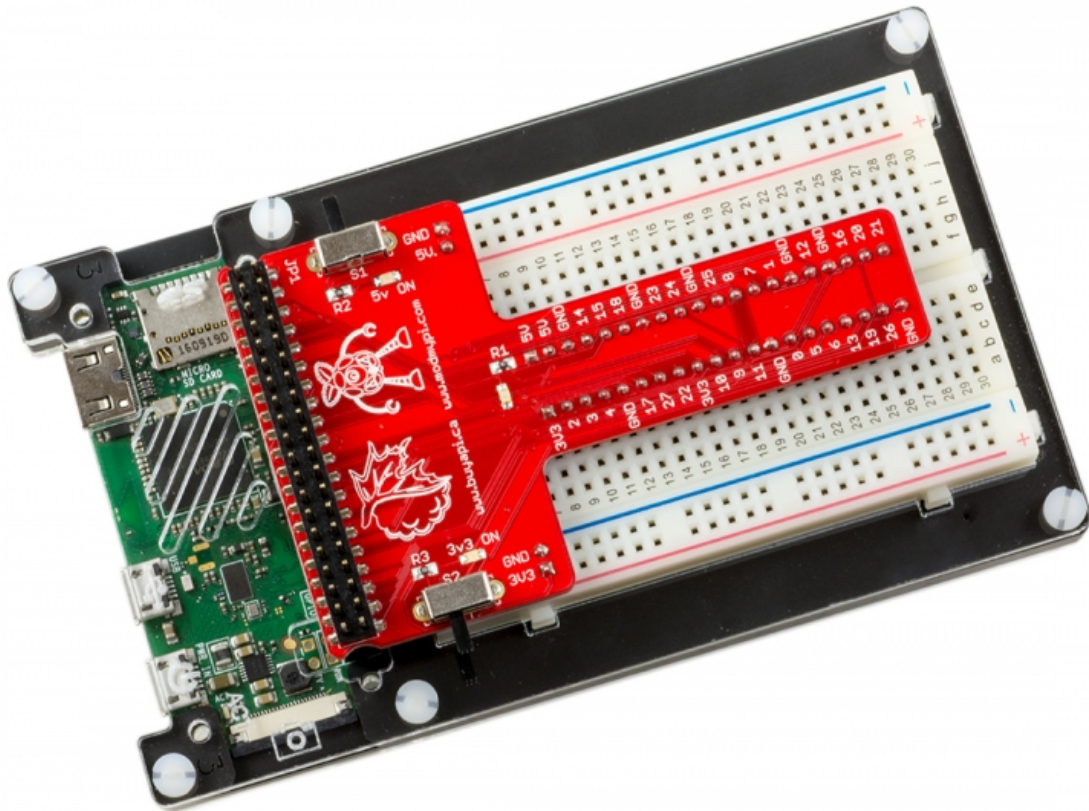
This custom-made, 2x20 SMT female socket header is "that" header used in many **Raspberry Pi HAT** designs and **recommended for HAT specification products** by the Raspberry Pi Foundation.

It's a surface mount female "push-fit" type socket designed to be used to plug a Raspberry Pi HAT onto a Raspberry Pi A+/B+/2/3. The sockets are push-fit, so harder to use than the Thru-Hole type headers, but for the slickest, slimmest fit, this header is recommended!

power line headers on either side for the 3.3V & 5V lines on the Pi,

which plug into the breadboards power lines

\$14 out of stock



Multiple photos **header**

Alt 1

Female to male jumpers. Leave a lot more space on breadboard.

Alt 2

Power only pcb. Doesn't exist

Usually can use USB → μ USB

2 lengths & 2 gender jumpers

For tightening up rat nest

spool of 22awg

place for nippers

Small as possible case/foldout maybe

Something that keeps the main things needed in a cafe box for breadboarding on the go

Mag latch like iPad

Optional

Usually not needed probs because laptop

Battery to μ usb + Charge circuit

See the one with the 1 or 2 18650's. Can use same bats from flashlight & bong

BREADBOARD PRICES

170 points \$.54

adafruit half size \$5 8.5 x 5.5 x 9.7mm

China half size \$.5 400 points [alibaba](#) with jumpers [alibaba](#)

China full-size \$.75 17.4 x 4.6 x 0.85cm [alibaba](#)

