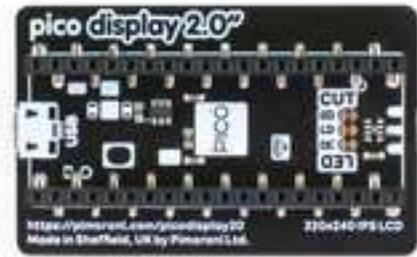


Pico Display Pack 2.0

PIM580



A spacious 2.0" (320 x 240) IPS LCD display for Raspberry Pi Pico, with four buttons, an RGB LED and plenty of room for your Pico projects!

This **18-bit capable 320x240 pixel IPS display** adheres majestically to the back of your Pico and has lush colors and great viewing angles. Just like our original Display Pack, we've surrounded it with **four tactile buttons** so you can use your human fingers (or other non-human appendages) to interface with your Pico. There's also an **RGB LED** that you can use as an indicator, for notifications or just for adding extra rainbows.

Pico Display 2.0 lets you turn a Pico into a user interface device for a bigger project, capable of giving instructions, displaying readouts and even incorporating elaborate nested menus. If you'd rather use your Pico as a standalone device you could fill up all that prime screen real estate with digitally generated, Mandelbrot-esque art, beautiful graphs or readouts from lots of sensors. You could even make a device for getting folks to share their secrets via Telnet!

A Raspberry Pi Pico is not included so make sure to grab one!

Your Pico will need to have pin headers soldered to it (with the pins pointing downwards) to attach to our add-on boards.

Features

- 2.0" 320x240 pixel IPS LCD screen (~220 PPI, 65K colors)
- 4 x tactile buttons
- RGB LED
- Pre-soldered female headers for attaching to Pico
- Compatible with Raspberry Pi Pico/Pico W.
- Fully assembled
- No soldering required (if your Pico has header pins attached).
- Dimensions: approx. 56mm x 35mm x 11mm (L x W x H, includes display)
- Screen usable area: 40.8mm x 30.6mm (L x W)
- C/C++ and MicroPython libraries
- Schematic

Notes

- This screen is a wee bit taller than the surrounding buttons, so it's worth taking care when pressing the buttons that you're not also pressing down on the screen, particularly at the edge with the ribbon cable. Careful pressing with fingertips rather than full on thumb mashing is the way forward.
- Even though it's bigger than our other Pico Packs, Display 2.0 will still work with Pico Omnibus or Pico Decker, if you want to use more than one Pico Pack at once. Please note that if you plug Display 2.0 into a Pico Decker, it will overhang the addon slot next to it.