

This pack contains:

- 2-Axis Joystick - add analog input to your project! Contains two independent 10K potentiometers (one per axis) for reporting the joystick's position, with wiring options for voltage or resistance outputs.
- Micro servo - classic little servo that can rotate approximately 180 degrees (90 in each direction). Use any servo code, hardware, or library to control!
- Full-Size Breadboard - In the past, we've used the half-size breadboard for a lot of Pi projects - but no longer! With 40 pins to break out, you're going to need some space - and that's why we're including a full-size breadboard in this pack.
- Premium Male/Male Jumper Wires - 20 x 6" (150mm) - These jumper wires are great for making wire harness or jumpering between headers on PCBs. We include the longer ones so they work well with the full-size breadboard.
- Assembled Pi Cobbler Plus - Breakout Cable - This is the soldered together version of our popular Pi Cobbler Plus Kit. Comes with a breakout board that's perfect for cobbling prototypes as well as a 40-pin GPIO cable for your Pi's pins.
- 5V 2A Switching Power Supply w/ 6' MicroUSB Cable - The 5V 2A power adapter is the perfect choice for powering your Raspberry Pi B+ with 2 Amps of current output, and an extra long cord.
- Assembled Adafruit BME280 Temperature & Humidity sensor - The assembled version of an Adafruit Instant Classic. This breakout board has a powerful BME280 sensor from Bosch that's good for environmental, temperature, and barometric pressure sensing. This version comes with headers already soldered on.
- Assembled Adafruit Mini 8x8 LED Yellow-Green Matrix w/I2C Backpack - The assembled version of our yellow-green 8x8 matrix and backpack combination. Fully tested and ultra bright!
- MCP3008 - 8 Channel 10-Bit ADC With SPI Interface - Easy to use, SPI enabled chip that's perfect for adding 8 channels of 10-bit analog input to your microcontroller or microcomputer project.
- 8GB MicroSD Card with NOOBS 2.0 - installed with the latest version of Raspbian.
- Electronic components:
 - 1x Photo Cell
 - 2x Breadboard Trim Potentiometer
 - 5x 10K 5% 1/4W Resistor
 - 5x 560 ohm 5% 1/4W Resistor
 - 2x Diffused 10mm Blue LED
 - 1x Electrolytic Capacitor - 1.0uF
 - 1x Ceramic Capacitor - 0.1uF
 - 2x Diffused 10mm Red LED
 - 2x Diffused 10mm Green LED
 - 3x 12mm Tactile Switches

Note: This kit does *not* include a Raspberry Pi 3 Model B!

<https://www.adafruit.com/product/3593> 10-30-17