

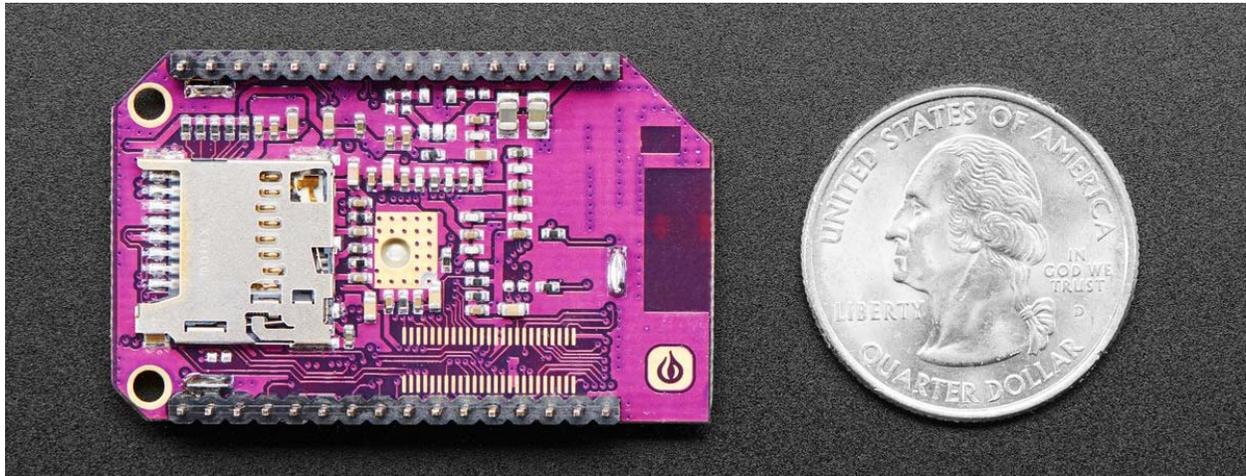
Unlike a Raspberry Pi, you don't get a desktop or even a console on HDMI. Instead, you use a serial connection/ssh and the command line, or the simplified webpage interface to program it. So it's good if you have a bit of experience with those things!

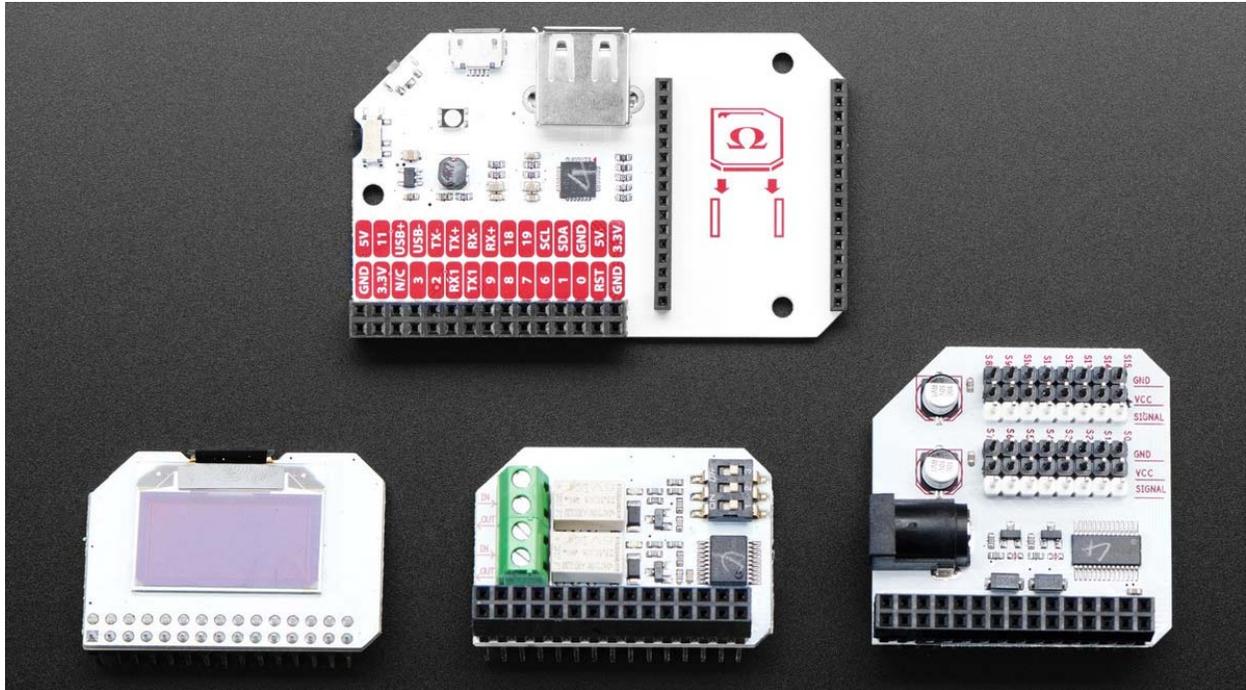
Where it excels is as a physical computing platform, with hardware and WiFi. Wanna know how to blink an LED, or even multiple (!) LEDs? You can do that! You'll be able to read switches and use shift registers. Blinking text? No problem! A 7-Segment display and an LCD screen are included! The Maker Kit even comes with relay, PWM/servo and OLED add-ons so you can have a display and robotics interfacing. Comes with all the 'fixins' to get comfortable with IoT and programming languages, including Python, C++, Node.js, php, Bash, Ruby, Perl, Lua, G, and more!

This maker kit has everything you need to fully build and prototype just about any kind of project you can think of with Onion Omega2+. Once you have your project or product well-developed you can then purchase individual Omega2's and add-on boards from Onion.

This Onion Omega2 Maker Kit includes:

- Omega2+ development board
- Expansion Dock
- Wall Charger
- USB Micro-B Cable
- Breadboard
- 20 x M-M Jumper Wire
- 20 x M-F Jumper Wire
- 20 x LEDs
- 5 x 100nF Capacitor
- 5 x 100Ω Resistor
- 20 x 200Ω Resistor
- 5 x 470Ω Resistor
- 5 x 1kΩ Resistor
- 5 x 5.1kΩ Resistor
- 5 x 51kΩ Resistor
- 12 x Push Button
- 5 x Slide Switch
- Digital Temperature Sensor
- 7-Segment Display
- 16x2 LCD Screen
- Shift Register
- Standard Servo
- Sub-micro Servo
- DC Motor
- H-Bridge
- Buzzer
- Relay Expansion
- Servo (PWM) Expansion
- OLED Expansion





<https://www.adafruit.com/product/3808> 6-20-18