

We offer two types of Electron 3G Kits—one for North and South America (850/1900 MHz) and one for Europe/Asia/Africa (900/1800 MHz). Check the full list of compatible countries for the location in which your product will be deployed.

Basic Data Charges

- Particle's 1MB monthly data plan:
 - 3 months included with kit
 - \$2.99/month for 1MB (thousands of messages)
 - No contracts, cancel anytime
 - \$0.99/each additional MB

Specifications

- STM32F205 ARM Cortex M3 microcontroller
- 1MB Flash, 128K RAM
- Cellular modem: U-Blox SARA G-series (2G) or U-series (3G)
- 36 pins total: 28 GPIOs (D0-D13, A0-A13), plus TX/RX, 2 GNDs, VIN, VBAT, WKP, 3V3, RST
- Board dimensions: 2.0" x 0.8" x 0.3" (0.5" including headers)

Technical details

Dimensions	76mm x76mm x51mm
Weight	G.W 509g
Battery	Exclude

Part List

sensors (acceleration, distance, temperature, humidity, motion, vibration, and gases)	10
Particle Electron PCB	1
Particle SIM Card	1
Li-Po battery	1
Taoglas Cellular Antenna	1
USB cable	1
Breadboard	1
Pinout reference card	1
Components for a sample product	1