



Part Number: BNDL-M402

Description: Particle Mesh LTE Cellular Bundle



The Particle Mesh LTE Bundle is a great way to start your exploration of the latest Particle Mesh hardware and software. This LTE bundle provides the key hardware and supporting platform to build

mesh networking for your IoT project. Particle Mesh means you can create local networks that collect data, share messages, and connect to the Internet through a Particle gateway.

The bundle comes with three mesh-ready boards: the [Boron](#), a powerful LTE cellular board that can act as a gateway between your local Particle Mesh network and the internet or be used as a standalone device and two [Xenons](#), the end points or network repeaters, so you can start to experiment with a multi-device Particle Mesh network.

The included [Particle FeatherWing Tripler](#) is perfect for any prototyping project. The Tripler provides space to add-on up to two FeatherWing accessories without any stacking header needs.

And, last but certainly not least, the bundle includes the [Particle Debugger](#), which gives you the power of professional debugging at a fraction of the cost. Using this accessory, you'll be able to program Particle mesh-ready hardware over common interfaces like JTAG and SWD, using open source tools like GDB. JTAG ribbon cable included.

All Particle hardware is designed from the ground up to work with the Device Cloud; a powerful set of tools and infrastructure to build, connect, and manage your IoT fleet. The Device Cloud for Particle Mesh is priced by network. All Particle customers get 3 free months of Device Cloud access for micro networks using a cellular gateway. A micro network is defined as a network with 10 total devices and a single gateway. Please refer to our [pricing documentation](#) for more information.

Contents:

- 1 [Boron LTE Kit](#)
- 2 [Xenon Kits](#)
- 1 [Particle FeatherWing Tripler](#)
- 1 [Particle Debugger](#)

Specs:

- For full details on each individual product, please refer to the docs here: <https://docs.particle.io/>
- The Boron LTE and Xenon meet the Feather [specification](#) in dimensions and pinout
- FCC and PTCRB certified
- All products in the bundle are RoHS compliant (lead-free)