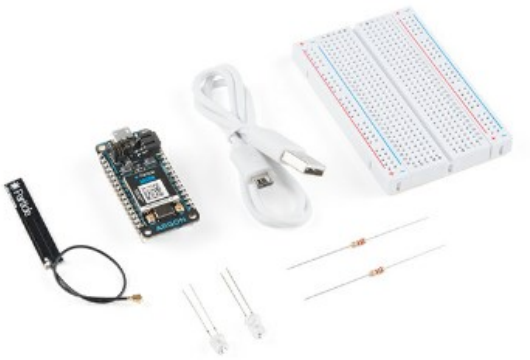
Due to the impacts of the coronavirus outbreak, we are experiencing longer than normal lead times on certain products. We encourage back-ordering out-of-stock items to receive them as soon as possible.












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# Particle Argon IoT Development Kit

KIT-15071

DESCRIPTION | INCLUDES | FEATURES | DOCUMENTS

- Espressif ESP32-D0WD 2.4GHz Wi-Fi coprocessor
  - On-board 4MB flash for eSP32
  - 802.11 b/g/n support
  - 802.11 n (2.4GHz), up to 150Mbps
- Nordic Semiconductor nRF52840 SoC
  - ARM Cortex-M4F 32-bit processor @ 64MHz
  - 1MB flash, 256KB RAM
  - IEEE 802.15.4 - 2006: 250Kbps
  - Bluetooth 5: 2Mbps, 1Mbps, 500Kbps, 125Kbps
  - Supports DSP insturctions, HW accelerated Floating Point Unit (FPU) calculations
  - ARM TrustZone CryptoCell-310 Cryptographic and security module
  - Up to +8 dBm TX power (down to -20dBm in 4dB steps)
  - NFC-A tag
- On-board additional 4MB SPI flash
- 20 mixed signal GPIO (6x Analog, 8x PWM), UART, I2C, SPI
- Integrated Li-Po charging and battery connector
- JTAG (SWD) Connector
- RGB status LED
- Reset and Mode buttons
- On-board PCB antenna for mesh network
- u.FL connectors for external antennas for mesh network, Wi-Fi, and NFC
- FCC, CE, and IC certified. RoHS compliant

## Tags

ANTENNA | ARGON | DEVELOPMENT | ESP32 | FEATHER | IOT | KIT | NFC | NRF52840 | PARTICLE | U.FL | WIFI | WIRELESS

## Particle Argon IoT Development Kit Product Help and Resources

TUTORIALS | VIDEOS | SKILLS NEEDED



### Three Quick Tips About Using U.FL

DECEMBER 28, 2018

Quick tips regarding how to connect, protect, and disconnect U.FL connectors.

COMMENTS 0 | REVIEWS 0

## Comments

**Looking for answers to technical questions?**

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our **Technical Assistance** page.

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