Snō™ + SnōMākr™

FPGA Development Kit

Compact, Embeddable Footprint
The speed and performance of FPGA powered acceleration and offload in a small footprint.

Hardware Xcelerator Blocks (XBs)
Take advantage of pre-installed XBs that target application-specific behavior such as floating-point math, motion control and sensor data acquisition.
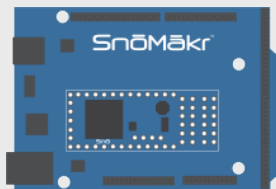
Programmable with Arduino
Rapidly develop your solution using the free and flexible Arduino IDE.

3 Easy Steps to Higher Performance

① **Buy Snō + SnōMākr Kit**

② **Install Arduino IDE**

③ **Accelerate your IoT Project!**

Snō Technical Specifications
- Intel MAX 10 FPGA (16K LE)
- Embedded 8-bit Microcontroller
    - AVR Compatible
    - Selectable 16/32 MHz
- Integrated Hardware Acceleration
    - Pre-installed Xcelerator Blocks
    - Customizable FPGA fabric
- 32 Dedicated Digital, 6 Shared w/ Analog (3.3V)
- 6 Analog Pins
- Program FLASH: 32 KB
- Data Memory SRAM: 2 KB
- ADC Performance
    - Speed: 1 MHz
    - Resolution: 12-bit sustained
    - Sample Rate: 254k samples/second

Kit Includes
- Snō mounted on SnōMākr
- USB Cable