

# Hinj™

## IoT Sensor Hub and FPGA Development Kit

The most versatile, feature-rich development board for your FPGA IoT Solution!



### FPGA Performance

Boost IoT sensor data processing and enhance industrial motion control solutions with dedicated FPGA Xcelerator Blocks.

### Integrated Connectivity

Integrated Ethernet and WiFi modules with built-in driver support provide quick and easy connectivity to cloud servers and IoT frameworks.

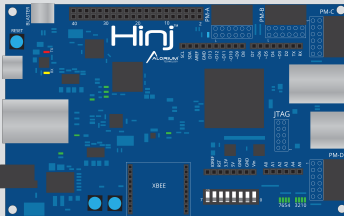
### Programmable with Arduino

Rapidly develop your solution using the free and flexible Arduino IDE.

### 3 Easy Steps to Higher Performance

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#### Buy Hinj Kit



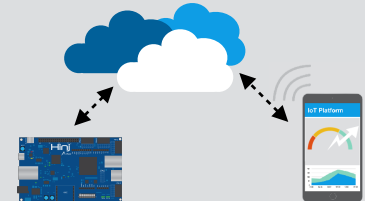
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#### Install Arduino IDE



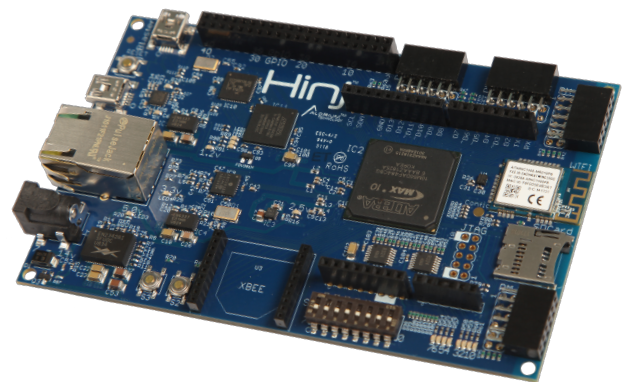
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#### Connect and Accelerate Your IoT Project!



### Hinj Technical Specifications

- Intel MAX 10 FPGA (50K LE)
- Embedded 8-bit Microcontroller
  - AVR Compatible
  - Selectable 16/32 MHz
  - Program FLASH: 32 KB
  - Data Memory SRAM: 2 KB
- Integrated Hardware Acceleration
  - Pre-installed Xcelerator Blocks
  - Customizable FPGA fabric
- On-Board WiFi and Ethernet Connectivity
- Modular Standard Interface Compatibility
  - Arduino
  - Digilent® Pmod™
  - Digi® XBee™
- Standalone 36-pin GPIO Interface
- 6 Analog Inputs



### Kit Includes

- Hinj
- USB Cable
- Power Adapter