

HinjTM

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.

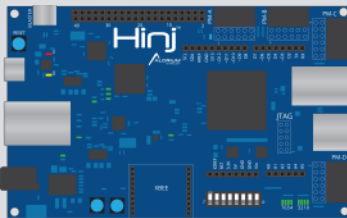
Programmable with Arduino

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

3 Easy Steps to Higher Performance

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Buy Hinj Kit



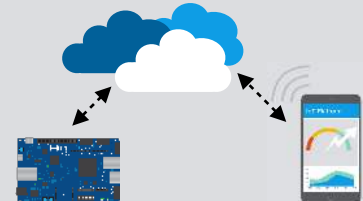
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Install Arduino IDE



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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