

Menu

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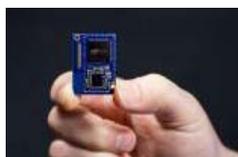
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software compatibility, the Intel Galileo board has several PC industry standard I/O ports and features to expand native usage and capabilities beyond the Arduino shield ecosystem. A full-sized mini-PCI Express* slot, 100 Mb Ethernet port, Micro-SD slot, RS-232 serial port, USB host port, USB client port, and 8 Mbyte NOR Flash* come standard on the board.

The genuine Intel® processor and surrounding native I/O capabilities of the SoC provides for a fully featured offering for both the maker community and students alike. It will also be useful to professional developers who are looking for a simple and cost effective development environment to the more complex Intel® Atom™ processor and Intel® Core™ processor-based designs.



Intel® Edison development board announced at CES

The second Intel® product for makers and inventors is the Intel® Edison development board, a super small computer. Created for rapid innovation and commercial product development, it can be designed to work with just about any device.

[Learn more >](#)



Make it Wearable challenge

Intel also announced at the Consumer Electronics Show the Make it Wearable challenge, a contest in which individuals, teams, and organizations are invited to submit a wide range of wearable product ideas in seven categories.

[Learn more >](#)



For universities

Intel is donating 50,000 Arduino*-compatible development boards featuring Intel® architecture to 1,000 universities around the world over the next 18 months.

[Get the details >](#)



The Maker Faire

Intel is a proud supporter of [Maker Faire](#)—a celebration of creativity and invention. It's a place for people who love to build and aspire to change the way we think and interact with the world around us.

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Intel® Quark SoC



Intel® Quark technology product brief

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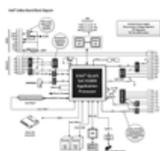
Other resources for makers

[Inspiring videos >](#)

[Maker Faire >](#)

[Arduino community >](#)

Fashion and technology



Intel® Galileo board articles and projects

The best way to enjoy your Galileo board and expand your skills is to keep up on the latest news and try some new projects. We have a selection of interesting projects that will help you improve your skills while building something useful.

[Burglar Alarm Using the Intel® Galileo Board >](#)

[Create a Display to Track the Days Until MAKE hits Newsstands >](#)

[Looking for a simple guide to write programs for Yocto on Intel Galileo board? >](#)

[Tweets throughout the city using the Intel Galileo board >](#)

[10 Great Intel Galileo Board Features >](#)

[Unread-Email-Checker Example Project >](#)

[Using IPC for Wireless Encryption with Intel Galileo Board >](#)

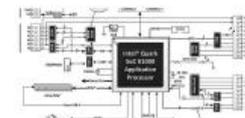
Find more projects in our [Maker community project gallery](#).



Intel leads collaboration to make products both powerful and beautiful.

[Learn more >](#)

Intel® Galileo board overview



Quickly prototype simple interactive designs or tackle more complex projects.

[Learn more about Intel Galileo board >](#)

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The Maker Inside: Galileo...

Writing Arduino code in proper syntax.



The Maker Inside: Galileo 101

Intel Labs introduces the Galileo development board.



The Maker Inside: Galileo...

An overview of Arduino variables and functions.



The Maker Inside: Galileo...

Setting up Galileo with the latest version of Arduino.



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Intel® Galileo Board

Quickly prototype simple interactive designs or tackle more complex projects.



Intel® Galileo Maker Board Retailers

Find retailers, including Adafruit, Micro Center, Mouser, Newegg, RS Components, and Fry's.



Intel® Galileo Board Block Diagram

New! Quickly prototype simple interactive designs or tackle more complex projects.



The Maker Inside: Galileo 102, Part 2

Writing Arduino code in proper syntax.

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