



## Intel Edison Development Board Now Available

Slightly Larger than a Postage Stamp, Intel Edison Powers Small and Worn Devices

SANTA CLARA, Calif., Sept. 9, 2014 – Intel today announced the availability of Intel® Edison, a product-ready, wirelessly enabled general purpose compute environment. It is designed for inventors, entrepreneurs and consumer product designers who create small or wearable devices to be sold through commercial channels to individuals.

The announcement was made by Intel CEO Brian Krzanich at the Intel Developer Forum. During a Mega Session led by Mike Bell, vice president of Intel's New Devices Group, he described how the ability to shrink the size of microprocessors, including Intel Edison, which relies on very little power, has allowed Intel and the industry to rethink where – and in what situations – computing is possible and desirable.

Bell introduced 3D Robotics\* Founder Chris Anderson on stage who showed an Intel Edison-powered quad copter. Meridian Audio Ltd\* Director of Engineering Richard Hollinshead also discussed with Bell how Intel Edison contributes to advancing its wireless audio product offerings.

### News Highlights

- Bell detailed that AT&T\* will be the exclusive carrier for the MICA bracelet designed by Opening Ceremony\*, engineered by Intel, introduced last week in New York.
- Bell also provided a sneak peek of Basis Peak, the next-generation Basis band, featuring continuous heart rate and other sensors for fitness and sleep tracking, which will launch later this year.
- Bell announced that in Q4 this year Intel will introduce its first SDK and API for wearable devices, allowing developers building fitness and wellness applications for iOS\* and Android\* to leverage Intel's heart rate sensing technology embedded in future Intel-powered headphones, such as the recently announced SMS Audio BioSport In-Ear Headphones\* powered by Intel. More information can be found at [Software.Intel.com/Wearables](http://Software.Intel.com/Wearables).
- Bell underlined the Intel Edison offering was built to fuel the next wave of computing devices. The hardware, software, cloud, support and ecosystem have all been designed to help inventors create.
- Twelve-year-old Shubham Banerjee demonstrated "BRAIGO," a Braille printer and embosser powered by Intel Edison, after an initial prototype with Lego\*

Mindstorms\* EV3. Bell noted that over a dozen Intel Edison-powered prototype devices are being shown at IDF – from robots and farming equipment to bike helmets and weather balloons.

- Dutch fashion tech designer, Anouk Wipprecht, unveiled her Intel Edison-based dress. The 3-D printed interactive garment made in collaboration with Italian architect Niccolo Casas has embedded sensors that act as the interface between the body and the external world using technology as a medium.
- Bell announced that SparkFun's Blocks\* for Intel Edison is available now in 14 configurations in the United States.
- The Intel Edison Module (\$50 Recommended customer price, RCP), Intel Edison Kit for Arduino\* (\$85RCP) and Intel Edison Breakout Board Kit (\$60RCP) are also available from Mouser\* and Maker Shed\*. The product will be available in 65 countries by the end of this year.
- The Intel Edison module uses a 22-nm Intel® SoC that includes a dual-core, dual-threaded Intel® Atom™ CPU at 500 MHz and a 32-bit Intel® Quark™ microcontroller at 100 MHz. It supports 40 GPIOs and includes 1GB LPDDR3, 4 GB EMMC, and dual-band Wi-Fi and BTLE on a module slightly larger than a postage stamp.
- Intel Edison will initially support development with Arduino and C/C++, followed by Node.JS\*, Python\*, RTOS and visual programming support in the near future.
- Intel Edison includes a device-to-device and device-to-cloud connectivity framework to enable cross-device communication and a cloud-based, multitenant, time-series analytics service.

###

Intel, the Intel logo and Quark are trademarks of Intel Corporation in the United States and other countries.

\*Other names and brands may be claimed as the property of others.

**CONTACTS:** Alison Wesley

[Alison.e.wesley@intel.com](mailto:Alison.e.wesley@intel.com)

Ellen Healy

[ellen.healy@intel.com](mailto:ellen.healy@intel.com)