Today, at the 2016 Intel Developer Forum, several notable announcements were made regarding Intel® RealSense™ Technology. Just as binocular vision gives humans the ability to see the world in three dimensions, the goal of RealSense technology is to enable intelligent, interactive and autonomous machines with human-like 3D perception.

**Intel® RealSense™ Robotic Development Kit:** A compact AAEON UP board and an Intel® RealSense™ R200 camera give developers the opportunity to build their own robot prototypes that can recognize objects or people and navigate an environment. It comes with Linux pre-installed and support for the Robot Operating System (ROS). It is available for purchase today at the IDF store, and online pre-orders are being taken with worldwide shipments starting next month.

**Intel® RealSense™ ZR300 Development Kit:** This new camera peripheral and development kit combines depth-sensing with high-precision motion tracking. Paired with the Intel RealSense SDK for Linux, it includes real-time visual-inertial odometry technology, which allows for autonomous mapping and navigation. It also has object and person tracking capabilities. The ZR300 is ideal for autonomous robotics, drones, virtual and augmented reality, and other uses. The developer kit is targeted for availability by the end of 2016.

**Intel® RealSense™ Camera 400 Series:** The next-generation RealSense camera offers improved accuracy with more than double the number of 3D points captured per second and more than double the operating range compared with the previous generation. Coupled with support for indoor and outdoor uses, RealSense 400 will enable developers to create amazing applications.

**Intel® Euclid™ Developer Kit:** This device integrates sense, compute, and connect capabilities in an all-in-one candy bar size form-factor. Equipped with a RealSense camera, an Intel® Atom™ processor, and wireless connectivity, the kit comes pre-installed with a developer-friendly utility application. This plug-and-play platform gives developers the ability to quickly and easily create applications with RealSense. The Intel® Euclid™ Developer Kit is ideal for researchers, makers and robotics developers.
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