# INTEL NEWS FACT SHEET

## IDF San Francisco 2016 – Drones

### Intel Reveals UAV Developments and Availability of New Technologies at IDF

Aug. 17, 2016 – Intel Corporation today announced its involvement in the development of multiple best-in-class unmanned aerial vehicles (UAVs), commonly called drones, showcasing how they interact with their environment, solve problems and thrill users by helping them explore and interact with their worlds unlike ever before.

#### Intel® Aero Platform for UAVs

Intel's® Aero Platform is available today for developers to build their own drones. This purpose-built, UAV developer kit powered by an Intel® Atom™ quad-core processor combines compute, storage, communications and flexible I/O all in a form factor the size of a standard playing card. When matched with the optional Vision Accessory Kit, developers will have tremendous opportunities to launch sophisticated drone applications into the sky. Aero supports several "plug and play" options, including a flight controller with Dronecode PX4 software, Intel® RealSense™ technology for vision, AirMap SDK for airspace services. The Intel Aero Platform is available for pre-order now on click.intel.com – the Intel Aero compute board is $399, the Intel Aero Vision Accessory Kit is $149, and the Intel Aero Enclosure Kit is $69. A separate Intel Aero Platform Ready-to-Fly Drone will be available in Q4.

#### Yuneec Typhoon H* with Intel RealSense Technology

Now publically available, the Yuneec Typhoon H is the most advanced, compact aerial photography and videography platform available, featuring Intel RealSense technology. With an intelligent obstacle navigation system, the drone can see objects and self-navigate around them. The drone has an Intel RealSense camera and an Intel Atom processor while the ground station is also equipped with an Intel Atom processor. The Typhoon H with Intel RealSense technology is available for purchase for $1,899.

#### AscTec Falcon 8*

The AscTec Falcon 8 drone went into serial production in 2009 and has since been used globally for professional applications, most recently as an aerial inspection and surveying tool for Airbus*. The patented V-form octocopter offers precision and safety with the reliable AscTec High-Performance GPS and the new control unit AscTec Trinity. It weighs only 2.3 kilograms on takeoff and works with maximum efficiency in the air, on- and offshore, even in challenging conditions.

#### Intel and Drone Policy Advocacy

Intel CEO Brian Krzanich was recently appointed by the Federal Aviation Administration (FAA) to chair the Drone Advisory Council, a committee focused on addressing "integration strategies" regarding drones. In August, Brian addressed The White House Office of Science and Technology Policy, which includes experts in government, academia and industry, to discuss airspace integration, public and commercial uses, and ways to ensure safety, security and privacy in this emerging field. On Tuesday afternoon, Anil Nanduri (vice president and general manager, UAV Segment and Perceptual Computing Group at Intel), Earl Lawrence (director, Unmanned Aircraft Systems Integration Office at the Federal Aviation Administration), Art Pregler (UAS director at AT&T*), Ronnie Gnecco (Innovation manager for UAVs at Airbus), and Shan Phillips (USA CEO at Yuneec) discussed how new drone capabilities and regulatory changes present new opportunities for drone developers.



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