



DT Research Announces First Sleek Ultra-Rugged 2-in-1 Tablets Feature Rich with Elegant Fully-integrated Design

***IP65 Rated Indoor-Outdoor Tablets with Detachable Keyboards,
Hardware-Software Security & Internal Hot-swappable Batteries Offer Unmatched Versatility***

SAN JOSE, Calif., July 18, 2016 – [DT Research](#), the leading designer and manufacturer of purpose-built computing solutions for vertical markets, today announced new 2-in-1 Ultra Rugged Tablets for its DT301 and DT311 series, which are built to withstand extreme outdoor environments with customizable options built into a slim, lightweight design that is also well-suited for the office. These new ultra-rugged tablets deliver indoor-outdoor versatility with water-resistant detachable keyboards, internal hot-swappable batteries, and advanced hardware-software security with two Full HD screen size options to maximize use in multiple settings.

“Mobile tablets are fast becoming the ‘go to’ computing device for the military and other field jobs,” said Daw Tsai Sc.D., president of DT Research. “But as the use of mobile tablets has risen, we saw that users need the flexibility to use tablets in a variety of settings. Our new 2-in-1 ultra-rugged tablets can dynamically adapt to indoor and outdoor use, while remaining light and durable with our signature fully-integrated design. These 2-in-1 tablets continue to demonstrate our dedication to delivering highly reliable computing solutions, which require built-in features, not attachments that can easily break, stop working, get lost or stolen.”

DT Research’s Ultra Rugged Tablets have been well-received by many organizations, including the U.S. Army Reserve, which is expanding use of the DT311H rugged tablets into other army facilities to support training missions and other logistics. This marks the second Army Reserve contract for Rugged Tablets that DT Research has been awarded this year. (See related press release: [U.S. Army Reserve Expands Deployment of DT Research’s Ultra Rugged Tablets - July 18, 2016.](#))

The new 2-in-1 Ultra Rugged Tablets designed and manufactured by DT Research are full-featured, yet lightweight and come with Full HD anti-reflective outdoor viewable screens in two models ready for military, industrial, emergency/first-responder, fieldwork and other extreme environments.

DT301S 2-in-1 Ultra-Rugged Tablet

The DT301S is a fanless tablet that weighs only 2.86 pounds with all options fully-integrated. The 10.1-inch display has 1920 x 1200 resolution and supports a capacitive touch stylus or a digital pen. Customers can choose either an Intel® 6th Generation Core™ i5 or Core™ i7 CPU with 4GB or 8GB RAM running Microsoft® Windows® 10 IoT Enterprise OS or Windows® 7 Professional.

DT311H 2-in-1 Ultra-Rugged Tablet

The DT311H tablet has a larger 11.6 inch display with 1920 x 1080 resolution, yet still lightweight at 3.6 pounds and also supports a capacitive touch stylus or digital pen. Customers have a CPU choice of Intel® Core™ i5 or Core™ i7 with 8GB to 16GB RAM running Windows® 10 IoT Enterprise OS or Windows® 7 Professional.

“Microsoft is proud of the longstanding technology relationship with DT Research, providing their customers with the latest security advancements with Windows 10 IoT Enterprise, enhancing their line of rugged tablets.” – Helen Fanucci, GM of Americas Device IoT Experience

Hardware-Software Security

DT Research's ultra-rugged 2-in-1 tablets include both software and hardware security features. The DT301S and DT311H take full advantage of advanced Windows 10 IoT Enterprise OS security including Device Guard enterprise hardware and software security features that only allow the tablet to run trusted applications with TPM 1.2 and 2.0 support. The DT301S and DT311H include Lock Down features to protect against malicious users, which also provide a custom designed user experience and increase system reliability.

DT Research combines the Windows 10 IoT Enterprise software security with its proprietary hardware security, such as media sanitization option that supports both NSA and USA-AF/Navy/Army standards. Hardware security options also include camera privacy mode, instant blackout, as well as automatic Bluetooth, RFID and WiFi disable functions that can be pre-configured to turn off all radio capabilities under certain conditions.

Military Standard

Unlike fragile consumer-grade tablets, the DT301S and DT311H are fully ruggedized to meet the durability and security standards below:

- IP65 Rated – Water & Dust Resistant
- MIL-STD-810G Certified – Vibration and Shock Resistant; Altitude Tested Storage & Operation
- MIL-STD-461F Certified – EMI and EMC Tolerance
- Operational in Extreme Temperatures (-4 F to 140 F)
- NIST (National Institute of Standards & Technology) Compliant
- Built-in Smart Card / CAC-card Full-slot Reader (enables multiple security level control)
- HERO (Hazard of Electromagnetic Radiation to Ordnance) Certified (DT311H)
- Advanced data security with media sanitization (5220.22-M, USA-AF AFSSI 5020, USA Navy NAVSO P-5239-26, NSA Manual 130-2, USA-Army 380-19, NISPOMSUP Chap 8, Sect. 8-501 and NSA Manual 9-12 Standards)
- 4 Foot Drop Protection

Customizable Options

DT Research offers customizable options for the DT301S and DT311H including an optimized OS, programmable buttons, and BIOS. Customers can choose to have the options below fully-integrated.

- 3G WWAN or 4G LTE
- 2D Barcode Scanner
- Camera - 2 Megapixel front camera and 5 Megapixel back camera with LED flash
- NFC/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)
- Wi-Fi & Bluetooth

Interchangeable Accessories

Customers have the added convenience of using interchangeable batteries, 6-bay battery chargers, desktop docking stations, detachable keyboards and digital pens that work with both the DT301S and DT311H tablets.

Availability

The DT301S and DT311H 2-in-1 Rugged Tablets will be available in July 2016 directly from DT Research and through authorized resellers and partners. For more information, go to www.dtresearch.com/Government/products/Rugged-Tablet.html.

About DT Research

DT Research™, an early Mobile Tablet pioneer and leading designer and manufacturer of purpose-built computing systems for vertical markets. The company delivers the world's most comprehensive line of Rugged and Industrial-grade Tablets, Mobile POS Tablets, Digital Signage Systems and Medical Computing Solutions. DT Research products are uniquely designed with customizable options built-in and assembled in California, providing customers with rapid time-to-market solutions. The DT Research family of products are based on embedded computing platforms that power secure, reliable and cost-

effective computing. DT Research systems offer computing mobility within industrial and harsh environments through durable solutions with wireless connectivity, high-quality touch displays powered by Windows® operating systems. More than 200 organizations across the globe rely on DT Research solutions in industries such as government, healthcare, hospitality, logistics, military, retail and warehousing. DT Research is headquartered in Silicon Valley, California with offices in China and Taiwan. For more information, visit www.dtresearch.com or follow @dtresearch, #MobileTablets and #RuggedTablets.

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