



## **DT Research 8-inch Rugged Tactical Tablet with High-Power Processing and Windows® 11 IoT Enterprise**

***Compact IP65, MIL-STD-810G Tablet with 10-core CPU and Long-range Wireless Increases Productivity and Improves Performance***

**SAN JOSE CA & TAMPA FL, May 9, 2023** – [DT Research](#), the leading designer and manufacturer of purpose-built computing solutions for vertical markets, today announced the new DT381RP 8-inch rugged tactical tablet with Intel® 13<sup>th</sup> Generation Core™ i5 or i7 10-core processors for advanced performance for demanding applications. The combination of screen size, weight, and power, make this rugged tablet ideal for mobility while working in the field whether in a battlefield, in-vehicle application, or construction site.

The DT381RP handheld tactical tablet delivers top performance for processing applications that demand more power, and runs the Microsoft® Windows® 11 IoT Enterprise operating system, which enables a seamless field-to-office experience. Hot-swappable batteries eliminate downtime, and the optional 90-watt battery packs expand use for each battery even when powering high-speed applications.

“As per our customer-focused continuous improvement business model,” said Daw Tsai, President of DT Research. “We heard the need for a rugged 8” Windows tablet that would provide faster processing than current Atom CPUs could deliver. The combination of the Intel 10-core processor and an NVMe solid state drive provides read/write speeds that are ten times faster than Atom based devices using eMMC storage. The 381RP is able to deliver performance that exceeds current requirements at the tactical edge of computing.”

The DT381RP supports 256GB, 512GB or 1TB NVMe solid state drives, delivering faster processing speeds, a critical differentiator in tactical environments where seconds count.

A standard ethernet port, and optional dual pass-through antennas in the vehicle docking cradle make the DT381RP easy to connect with 4G, GPS, and mobile office applications. The DT381RP brings the required power for mapping applications, situational awareness applications, geo-engineering, and surveying and other programs that need a lot of storage and data.

Whether mounted in a vehicle, airplane, or on a wearable vest, the integration of the 8-inch bright touchscreen, high-powered CPU, long range wireless scanning, and positioning and data capture options make the DT381RP a rugged tactical tablet that can perform no matter where the work takes place.

DT Research will showcase the DT381RP rugged tactical tablet at SOF Week May 8 - 11 at the Tampa Convention Center in DT Research booth L615.

“Our customers in the military, public safety, and field services know they can rely on our rugged tactical tablets to provide the targeted computing their work requires.” said Rob Droppa, GM, Government Solutions. “By using our purpose-built, Windows® powered mobile tablets, they can get the high-

powered, full Windows processing needed while still being the size and weight that makes it ultra portable.”

The DT381RP fanless handheld tablet is IP65 rated and MIL-STD-810G to deliver reliable operation in harsh and mission-critical environments with a hot-swappable battery pack that enables continuous operation. Both indoor and outdoor viewing is made possible through high brightness capacitive touch screens. These rugged handheld tablets offer seamless information capture and transmission in both secure and non-secure environments through a combination of long-range wireless, dedicated GNSS modules, and cameras.

The DT381RP rugged tablet offers a robust set of features and options that include:

- **Military-grade Durability and Reliability:** IP65-rated for water and dust resistance, MIL-STD-810G certified for shock and vibration protection. FCC Class B, RoHS compliant. NIST compliant BIOS available.
- **Indoor-Outdoor Display:** 8-inch LED-backlight 800 NITS screen with capacitive touch and digital pen support.
- **Enterprise Operating System:** Microsoft® Windows® 10 or 11 IoT Enterprise.
- **Wireless Communications:** Wi-Fi 802.11ac and 5.2 LE BT.
- **High Performance and Energy Efficient:** Intel® Core™ 10-core processor.
- **Continuous Operation:** Hot-swappable battery pack eliminates downtime.
- **Security:** TPM2.0, NIST compliant BIOS available.
- **Back and Front Cameras:** Back 8 and Front 5 megapixel cameras with auto focus, white balance, gain control and exposure control.
- **GNSS Module:** U-blox M9 GNSS module with concurrent reception of GPS & GLONASS; Industry-Leading - 167 dBm navigation sensitivity.
- **TAA Compliant:** Manufactured in compliance with the requirements of the Trade Agreement Act (TAA).

### Availability

DT381RP rugged handheld tablet is immediately available from DT Research’s authorized distributors and resellers. Interested parties may contact the DT Research sales team at [sales@dtresearch.com](mailto:sales@dtresearch.com).

### About DT Research

[DT Research™](http://www.dtresearch.com), an early Mobile Tablet pioneer and leading designer and manufacturer of purpose-built computing systems for vertical markets, delivers the world’s most comprehensive line of Rugged and GNSS Tablets, Mobile POS Tablets, Convertible Laptops and Medical Computing Solutions. DT Research products are uniquely designed with customizable built-in options, providing customers with rapid time-to-market solutions that are TAA compliant. The DT Research family of products is 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, and Windows® operating systems. More than 200 organizations across the globe rely on DT Research solutions in industries such as government, healthcare, public safety, military, food service/entertainment, retail, logistics, and warehousing. DT Research is headquartered in Silicon Valley, California. For more information, visit [www.dtresearch.com](http://www.dtresearch.com) and follow @dtresearch, #MilitaryTablets, #RuggedTablets, #MedicalTablets and #GNSSTablets.

DT Research and WebDT are trademarks of DT Research, Inc. All other brands and product names may be trademarks and/or registered trademarks of their respective owners.

###

**Media Contacts:**

Barbara Reichert  
Reichert Communications, LLC  
[barbara@reichertcom.com](mailto:barbara@reichertcom.com)  
o) 650-548-1002 m) 415-225-2991

Gabrielle Marshall  
DT Research  
gmarshall@dtri.com  
o) 408-934-6192