



## DT313Y Rugged Tablets

### Slim, Rugged, Multi-functional Wireless Computing

The DT313Y 2 in 1 Rugged Tablet from DT Research features the integration of a high brightness 13.3" inch capacitive touch screen and high performance, energy-efficient Intel® Core™ i processor within slim, lightweight, durable package. With built-in smart card/CAC reader, Wi-Fi and Bluetooth as well as optional data capture modules, these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G/461F and HERO certified with wide temperature range, the DT313Y Rugged Tablet provides reliable operation in harsh, mission-critical environments.



### Features

- 13.3" inch high-brightness capacitive screen, digital pen support
- Intel® 8<sup>th</sup> or 10<sup>th</sup> Generation Core™ i5/i7 processor
- Microsoft® Windows® 10 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- MIL-STD-461F for EMI and EMC tolerance
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Built-in smart card/CAC reader
- Detachable keyboard option for 2-in-1 applications

### Major Options

- Front and back cameras
- Intel® RealSense™ Depth camera
- Barcode scanner
- UHF RFID reader
- Long range Bluetooth
- U-blox M8 GNSS module
- 4G LTE/AWS

# Specifications



<b>Model</b>	<b>DT313Y</b>		
<b>System</b>			
<b>CPU</b>	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)		
<b>RAM</b>	8GB to 32GB		
<b>Storage</b>	256GB to 2TB Flash		
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise		
<b>NIST Compliance</b>	NIST compliant BIOS available		
<b>Display</b>	13.3" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable		
<b>Display Resolution</b>	1920 x 1080		
<b>Control Switch and Buttons</b>	1 power button, 2 brightness control buttons, 5 programmable buttons		
<b>Speaker</b>	Built-in speaker		
<b>Network Interface</b>			
<b>WLAN</b>	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		
<b>Bluetooth</b>	Bluetooth 4.2 LE		
<b>I/O Ports</b>			
<b>USB Ports</b>	USB 3.0 x 3, USB Type C x 1 (data transmitting and charging)		
<b>Headset Jack</b>	1 (3.5mm)		
<b>Ethernet Port</b>	1		
<b>Smart Card/ CAC Reader</b>	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		
<b>Mechanical and Environmental</b>			
<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 20V DC, 3.25A		
<b>Battery Pack</b>	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)		
<b>Enclosure</b>	ABS + PC plastics and magnesium-aluminum alloy		
<b>Dimensions (H x W x D)</b>	10.6 x 13.2 x 0.8 in/ 270 x 335 x 21 mm		
<b>Weight</b>	3.97 lbs/ 1.8 kg		
<b>Durability</b>	IP65 and MIL-STD-810G certified		
<b>Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing</b>	N/A		
<b>Regulatory</b>	FCC Class B, CE, RoHS compliant		
<b>Temperature</b>	Operation: -10°C to 60°C (-14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F)		
<b>Humidity</b>	0% – 90% non-condensing		
<b>Major Options</b>			
<b>Barcode Scanner</b>	2D scanner, reads 1D also		
<b>Camera</b>	2 megapixel front camera, and 8 megapixel back camera		
<b>UHF RFID Reader</b>	N/A		
<b>Long Range Bluetooth</b>	N/A		
<b>GNSS Module</b>	U-blox M8 GNSS module with concurrent reception of GPS and GLONASS; industry leading -167dBm navigation sensitivity		
<b>Mobile Broadband</b>	4G LTE/AWS		
<b>Antenna</b>	Dual pass through antennas integrated in the docking cradle		

\* Specifications subject to change without notice.

**Product Configurator**



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