



## DT311T Rugged Tablets

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

The DT311 Series Rugged Tablets feature the integration of high brightness 11.6" capacitive touch screens and high performance, energy-efficient Intel® processors within slim, lightweight, durable packages. With built-in smart card/ CAC reader and Wi-Fi as well as options for front/ back cameras, barcode scanner, GNSS, and 4G connection, these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65 and MIL-STD-810G certified with wide temperature range (-4°F to 140°F), the DT311 Series Rugged Tablets provide reliable operation in harsh, mission-critical environments.



### Features

- 11.6" high-brightness capacitive touch screen (800 nits), digital pen support
- Intel® 8<sup>th</sup> Generation Core™ i5/i7 processor
- Microsoft® Windows® 10 IoT Enterprise operating system
- NIST compliant BIOS available
- High capacity, hot-swappable battery pack
- IP65 rated, MIL-STD-810G and MIL-STD-461F certified
- Build-in smart card/ CAC reader

### Major Options

- RS-232 port
- Front and back cameras
- Barcode scanner
- U-blox M8 GNSS module
- 4G LTE/AWS

## Specifications

### System

<b>CPU</b>	Intel® 8 <sup>th</sup> Generation Core™ i5 or i7 quad-core processor
<b>RAM</b>	8GB to 16GB
<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>	11.6" LED-backlight screen with capacitive touch
<b>Display Resolution</b>	1920 x 1080
<b>Fan/ Fanless</b>	Fanless
<b>Control Switch and Buttons</b>	1 power button, 1 trigger button, 3 programmable buttons, 1 RF switch
<b>Indicator</b>	1 power/ battery status LED
<b>Microphone</b>	Built-in microphone with DSP for real-time video
<b>Speaker</b>	Built-in speaker

### Network Interface

<b>WLAN</b>	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
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### I/O Ports

<b>USB Ports</b>	1 USB 3.0 and 1 USB 2.0, or can be changed to 1 USB 3.0 and 1 full size SD card slot
<b>Headset Jack</b>	1 (3.5mm)
<b>DC-in</b>	1
<b>Ethernet</b>	1 RJ45 connector for Ethernet
<b>Smart Card/CAC Reader</b>	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

### Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V DC, 3.42A
<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>Protective Bumpers</b>	Rubber bumpers on each corner for handling protection
<b>Dimensions (H x W x D)</b>	8.3 x 12.4 x 0.86 in/ 212 x 316 x 21.9 mm
<b>Weight</b>	3.5 lbs/ 1.6 kg
<b>Durability</b>	IP65, MIL-STD-810G and MIL-STD-461F certified
<b>Regulatory</b>	FCC Class B, CE, RoHS compliant
<b>Temperature</b>	Operation*: -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II * For battery safety, optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F). Storage: -55°C to 70°C (-67°F to 158°F)
<b>Humidity</b>	0% – 90% non-condensing

### Major Options

<b>Barcode Scanner</b>	2D scanner, reads 1D also
<b>Camera</b>	2 megapixel front camera, and 8 megapixel back camera
<b>GNSS Module</b>	U-blox M8 GNSS module with concurrent reception of GPS and GLONASS; industry leading -167dBm navigation sensitivity
<b>I/O Port Module</b>	RS-232 port, 6-pin lockable connector included
<b>Mobile Broadband</b>	4G LTE/AWS

\* Specifications subject to change without notice.

## Accessories

### Digital Pen

<b>Pen Tip</b>	Diameter: 0.059 in/ 1.5mm, replaceable
<b>Buttons</b>	2 side buttons (right-click and eraser)
<b>Battery</b>	1 AAAA, replaceable
<b>Color</b>	Black
<b>Dimensions</b>	Length: 5.5 in/ 140 mm (including pen tip) Diameter: 0.38 in/ 9.7 mm
<b>Weight</b>	0.055 lbs/ 25 g



### Desktop Charging Cradle

Docking support with ports for Power, USB, HDMI outputs and Ethernet



### Detachable Keyboard

Designed to connect to a DT Research Tablet, instantly pairs, ideal for 2-in-1 applications.



### Tablet Mount Cradle

Offers Tablet storage and security with power, HDMI-out, COM, Ethernet pass-through, and USB ports. Power supply is not included



### 5-Bay Cabinet Charger

Multi-tray charger, capable of charging up to 5 tablets simultaneously



- Battery Charging Kits



- Carrying Case



- High Capacity Battery Pack

