



## DT301Y/DT311Y/DT313Y Rugged Tablets

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

The DT301Y, DT311Y and DT313Y Rugged Tablets feature the integration of high-brightness 10.1", 11.6" and 13.3" touchscreens and high performance, energy-efficient Intel® Core™ or Pentium® processors within slim, lightweight, durable packages. With built-in smart card/CAC reader and Wi-Fi 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 a wide temperature range, the DT301Y, DT311Y and DT313Y Rugged Tablets provide reliable operation in harsh, mission-critical environments.



### Features

- 10.1", 11.6" or 13.3" sunlight readable touchscreen, digital pen supported
- Intel® Core™ i5/i7 or Pentium® Gold 7505 processor
- Microsoft® Windows® 10/11 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
- Antimicrobial coating
- Detachable keyboard option for 2-in-1 applications

### Major Options

- Front and back cameras
- Barcode scanner
- UHF RFID reader
- GPS module
- 4G LTE/AWS

# Specifications



Model	DT301Y	DT311Y	DT313Y
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## System

<b>CPU</b>	Intel® Pentium® Gold 7505, 2-Core, up to 3.5 GHz Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz	Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz	Intel® Core™ i5-10210U, 4-Core, up to 4.10 GHz Intel® Core™ i7-10710U, 6-Core, up to 4.7 GHz
<b>RAM</b>	8GB to 32GB		
<b>Storage</b>	256GB to 2TB Flash		
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise		
<b>NIST Compliance</b>	NIST Compliant BIOS Available		
<b>Display</b>	10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen	11.6" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen	13.3" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen
<b>Display Resolution</b>	1920 x 1200	1920 x 1080	
<b>Internet</b>	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band		
<b>BT</b>	5.2	5.2	5.2

## I/O Interface

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V DC, 3.42A		Input: 100-240V AC; Output: 20V DC, 3.25A
<b>Speaker</b>	Built-In Speaker		
<b>Microphone</b>	Built-In Microphone		
<b>USB Ports</b>	1 x USB 3.0, 1 x USB Type-C	1 x USB 3.0, 1 x USB Type-C	3 x USB 3.0, 1 x USB Type-C
<b>Ethernet Port</b>	1 x Ethernet 10/100/1000MB Base-T LAN		
<b>Headphone Jack</b>	1 (3.5 mm)	1 (3.5 mm)	1 (3.5 mm)
<b>DC IN Jack</b>	1	1	1
<b>Smart Card/CAC Reader</b>	Full-Slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V Smart Card		
<b>Switches &amp; Buttons</b>	1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons		

## Mechanical and Environmental

<b>Enclosure</b>	ABS + PC Plastic and Magnesium-Aluminum Alloy		
<b>Battery Pack</b>	Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh)(Optional)		
<b>Dimensions (H x W x D)</b>	7.8 x 11 x 0.86 in/198 x 280 x 21.9 mm	8.3 x 12.4 x 0.86 in/212 x 316 x 21.9 mm	10.6 x 13.2 x 0.8 in/270 x 335 x 21 mm
<b>Weight</b>	2.86 lbs/1.3 kg	3.5 lbs/1.6 kg	3.97 lbs/1.8 kg
<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) *For battery safety and 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		
<b>Certifications</b>	FCC Class B, CE, RoHS Compliant		
<b>Durability</b>	IP65, MIL-STD-810G and MIL-STD-461F Certified		IP65 and MIL-STD-810G Certified
<b>Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing</b>	Yes	Yes	N/A

## Major Options

<b>Barcode Scanner</b>	2D Barcode Scanner (Reads 1D & 2D)		
<b>Camera</b>	2MP Front Camera & 8MP Back Camera		
<b>UHF RFID Reader</b>	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance	865 – 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) Reading Distance	N/A
<b>GNSS Module</b>	GPS Module with Concurrent Reception of GPS and GLONASS; Industry Leading - 167dBm Navigation Sensitivity		
<b>Mobile Broadband</b>	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS

\* Specifications subject to change without notice.

