



# DT311YR Rugged Tablet



## Slim, Rugged, Multi-Functional Wireless Computing

The DT311YR Rugged Tablet features the integration of high-brightness 11.6" touchscreen and a high performance, energy-efficient Intel® Core™ processor within a slim, lightweight, durable package. With built-in smart card/CAC Reader and Wi-Fi, as well as optional data capture modules, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810H/461G, and HERO certified with a wide temperature range, the DT311YR Rugged Tablet provides reliable operation in harsh, mission-critical environments.

### Features



- 11.6" sunlight readable touchscreen, digital pen supported
- Intel® Core™ i5/i7 processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- MIL-STD-461G for EMI and EMC tolerance
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Built-in smart card/CAC reader
- Antimicrobial coating
- Slim keyboard option for 2-in-1 applications
- Quick Access SSD
- Energy Star 8.0 certified

### Major Options

- LONG RANGE BT Class 1 (1000 ft)
- Front and back cameras
- Barcode scanner
- UHF RFID reader
- GPS module

# Specifications



<b>Model</b>	<b>DT311YR</b>
<b>System</b>	
<b>CPU</b>	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz
<b>RAM</b>	8GB to 32GB
<b>Storage</b>	256GB to 2TB Flash *Support quick access SSD function to easily replace the SSD without opening the back cover.
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise
<b>NIST Compliance</b>	NIST Compliant BIOS Available
<b>Display</b>	11.6" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen
<b>Display Resolution</b>	1920 x 1080
<b>Internet</b>	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band
<b>BT</b>	5.2

## I/O Interface

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V DC, 3.42A
<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
<b>Ethernet Port</b>	1 x Ethernet 10/100/1000MB Base-T LAN
<b>Headphone Jack</b>	1 (3.5 mm)
<b>DC IN Jack</b>	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>	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>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: -50°C to 70°C (-58°F ~ 158°F)
<b>Humidity</b>	0% – 90% Non-Condensing
<b>Certifications</b>	FCC Class B, CE, RoHS, Energy Star 8.0 Compliant
<b>Durability</b>	IP65, MIL-STD-810H and MIL-STD-461G Certified
<b>Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing</b>	Yes

## Major Options

<b>Barcode Scanner</b>	2D Barcode Scanner (Reads 1D & 2D)
<b>Camera</b>	5MP Front Camera & 8MP Back Camera
<b>UHF RFID Reader</b>	865 – 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) Reading Distance
<b>GNSS Module</b>	U-blox M9N GNSS Module
<b>Mobile Broadband</b>	4G LTE/AWS

# Accessories

The DT311YR Tablet has customized accessories to meet numerous deployment needs.

## 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



## Slim Detachable Keyboard

Designed to connect to DT311Y tablet without switching and pairing



## Handstrap with Kickstand

With rotatable, adjustable handstrap and foldable kickstand



## Desktop Charging Cradle

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



## Wall/ Vehicle Mount Cradle

Offers Tablet storage and security with power supply and I/O ports.



## Battery Charging Kits



## Carrying Case



## High Capacity Battery Pack



**Glacier Computer**  
603.882.1560 Ext. 6  
[sales@glaciercomputer.com](mailto:sales@glaciercomputer.com)  
[www.glaciercomputer.com](http://www.glaciercomputer.com)