



# DT312RP Rugged Tablet

## Slim, Rugged, Multi-Functional Wireless Computing

The DT312RP Rugged Tablet features the integration of high-brightness 11.6" touchscreen and a high-performance, energy-efficient Intel® Core™ processors within a slim, lightweight, durable package. With a built-in Wi-Fi module as well as optional front/ back cameras, smart card/CAC reader, barcode scanner and GNSS 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 DT312RP Rugged Tablet provides reliable operation in harsh, mission-critical environments.



### Features

- 11.6" sunlight-readable touchscreen, digital pen support
- Intel® Core™ i5/i7 processor
- Microsoft® Windows® 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
- Slim keyboard option for 2-in-1 applications
- Quick access SSD

### Major Options

- 5 MP front camera and 8 MP back camera
- 2D barcode scanner (reads 1D and 2D)
- 4G LTE
- Smart card/CAC reader
- GPS module

\* 4G module, 2D scanner and GPS cannot be built onto same device.

# Specifications



<b>Model</b>	<b>DT312RP</b>
<b>System</b>	
<b>CPU</b>	Intel® Core™ i5-1335U, 10-core, up to 4.6 GHz Intel® Core™ i7-1355U, 10-core, up to 5.0 GHz
<b>RAM</b>	8GB
<b>Storage</b>	512GB to 2TB flash *Support quick access SSD function to easily replace the SSD without opening the back cover.
<b>Operating System</b>	Microsoft® Windows® 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 1200
<b>Buttons</b>	1 x power button, 2 x brightness control buttons, 5 x programmable buttons
<b>Microphone</b>	Built-in microphone with DSP for real-time video streaming
<b>Speaker</b>	Built-in 2W speaker

## Network Interface

<b>WLAN</b>	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
<b>BT</b>	5.2

## I/O Ports

<b>USB Ports</b>	1 x USB 3.0, 1 x latest USB/charging
<b>Headset Jack</b>	1 (3.5 mm)
<b>DC-in Jack</b>	1
<b>Ethernet Port</b>	1 x Ethernet 10/100/1000MB Base-T LAN

## Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100 to 240V AC; Output: 19V DC, 3.42A
<b>Enclosure</b>	ABS + PC plastics and magnesium-aluminum alloy
<b>Battery Pack</b>	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)
<b>Dimensions (H x W x D)</b>	8.3 x 12.4 x 0.78 in/212 x 316 x 20 mm
<b>Weight</b>	3.43 lbs/1.55 kg
<b>Temperature</b>	Operation*: -10°C to 60°C (14°F to 140°F) *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F) Storage: -50°C to 70°C (-58°F to 158°F)
<b>Humidity</b>	0% to 90% non-condensing
<b>Certifications</b>	FCC Class B, CE, RoHS 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 and 2D)
<b>Camera</b>	5 MP front camera and 8 MP back camera
<b>GNSS</b>	GPS
<b>Mobile Broadband</b>	4G LTE
<b>Smart Card/CAC Reader</b>	Half-slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card

\* Specifications subject to change without notice.

# Accessories

The DT312RP 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 DT312RP tablet without switching and pairing



## Battery Charging Kits



## High Capacity Battery Pack

