



## Rugged Tablet

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

The Rugged Tablet features the integration of high-brightness 10.1" 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-810G/461F and HERO certified with a wide temperature range, the Rugged Tablet provides reliable operation in harsh, mission-critical environments.

#### Features

- 10.1" 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-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
- Slim keyboard option for 2-in-1 applications



#### Major Options

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

# Specifications



## System

|     |  |
|-----|--|
| CPU | Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz<br>Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz |
|-----|--|

|     |             |
|-----|-------------|
| RAM | 8GB to 32GB |
|-----|-------------|

|         |                    |
|---------|--------------------|
| Storage | 256GB to 2TB Flash |
|---------|--------------------|

|                  |  |
|------------------|--|
| Operating System | Microsoft® Windows® 10/11 IoT Enterprise |
|------------------|--|

|                 |                                  |
|-----------------|----------------------------------|
| NIST Compliance | NIST Compliant BIOS<br>Available |
|-----------------|----------------------------------|

|         |   |
|---------|---|
| Display | 10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen |
|---------|---|

|                    |             |
|--------------------|-------------|
| Display Resolution | 1920 x 1200 |
|--------------------|-------------|

|          |                                       |
|----------|---------------------------------------|
| Internet | Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band |
|----------|---------------------------------------|

|    |     |
|----|-----|
| BT | 5.2 |
|----|-----|

## I/O Interface

|               |   |
|---------------|---|
| AC/DC Adapter | Input: 100-240V AC; Output: 19V DC, 3.42A |
|---------------|---|

|         |                  |
|---------|------------------|
| Speaker | Built-In Speaker |
|---------|------------------|

|            |                     |
|------------|---------------------|
| Microphone | Built-In Microphone |
|------------|---------------------|

|           |                             |
|-----------|-----------------------------|
| USB Ports | 1 x USB 3.0, 1 x USB Type-C |
|-----------|-----------------------------|

|               |                                       |
|---------------|---------------------------------------|
| Ethernet Port | 1 x Ethernet 10/100/1000MB Base-T LAN |
|---------------|---------------------------------------|

|                |            |
|----------------|------------|
| Headphone Jack | 1 (3.5 mm) |
|----------------|------------|

|            |   |
|------------|---|
| DC IN Jack | 1 |
|------------|---|

|                       |   |
|-----------------------|---|
| Smart Card/CAC Reader | Full-Slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V Smart Card |
|-----------------------|---|

|                    |  |
|--------------------|--|
| Switches & Buttons | 1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons |
|--------------------|--|

## Mechanical and Environmental

|           |   |
|-----------|---|
| Enclosure | ABS + PC Plastic and Magnesium-Aluminum Alloy |
|-----------|---|

|              |  |
|--------------|--|
| Battery Pack | Hot-Swappable Battery (11.4V, 5400mAh)<br>Hot-Swappable Battery (11.4V, 8000mAh)(Optional) |
|--------------|--|

|                        |  |
|------------------------|--|
| Dimensions (H x W x D) | 7.8 x 11 x 0.86 in/198 x 280 x 21.9 mm |
|------------------------|--|

|        |                 |
|--------|-----------------|
| Weight | 2.86 lbs/1.3 kg |
|--------|-----------------|

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)

## Temperature

Storage: -50°C to 70°C (-58°F ~ 158°F)

## Humidity

0% – 90% Non-Condensing

## Certifications

FCC Class B, CE, RoHS  
Compliant

|            |   |
|------------|---|
| Durability | IP65, MIL-STD-810G and MIL-STD-461F Certified |
|------------|---|

|  |     |
|--|-----|
| Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing | Yes |
|--|-----|

## Major Options

|                 |                                    |
|-----------------|------------------------------------|
| Barcode Scanner | 2D Barcode Scanner (Reads 1D & 2D) |
|-----------------|------------------------------------|

|            |                                    |
|------------|------------------------------------|
| Camera UHF | 5MP Front Camera & 8MP Back Camera |
|------------|------------------------------------|

|             |   |
|-------------|---|
| RFID Reader | 865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance |
|-------------|---|

|             |                        |
|-------------|------------------------|
| GNSS Module | U-blox M9N GNSS Module |
|-------------|------------------------|

|                  |            |
|------------------|------------|
| Mobile Broadband | 4G LTE/AWS |
|------------------|------------|

\* Specifications subject to change without notice.

## Accessories

The Tablet has customized accessories to meet numerous deployment needs.

### Digital Pen

Pen Tip Diameter: 0.059 in / 1.5mm,  
replaceable

Buttons 2 side buttons (right-click and eraser)

Battery 1 AAAA, replaceable

Color Black

Dimensions Length: 5.5 in / 140 mm  
(including pen tip)

Diameter: 0.38 in / 9.7 mm

Weight 0.055 lbs / 25 g



### Desktop Charging Cradle

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



### Detachable Slim Keyboard

Slim and lightweight with magnetic hinge to effortlessly attach/detach to the DT311YR rugged tablet.



### Wall/ Vehicle Mount Cradle

Secure Tablet mounting and charging with power, Ethernet pass-through, HDMI-out, COM, and USB ports



### Battery Charging Kits



### Carrying Case



### Battery Pack

