



# DT301YR Rugged Tablet

# Slim, Rugged, Multi-Functional Wireless Computing

The DT301YR 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 DT301YR Rugged Tablet provides reliable operation in harsh, mission-critical environments.





#### **Features**

- 10.1" sunlight readable touchscreen, digital pen supported
- Intel<sup>®</sup> Core<sup>™</sup> 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**



Model	DT301YR		
System			
СРИ	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz		
RAM	8GB to 32GB		
Storage	256GB to 2TB Flash		
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise		
NIST Compliance	NIST Compliant BIOS 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		
ВТ	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 &	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) 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
Temperature	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)
Llumiditu	0% – 90% Non-Condensing
Humidity	
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**

**Broadband** 

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)	
Camera	5MP Front Camera & 8MP Back Camera	
UHF RFID Reader	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance	
GNSS Module	GPS Module with Concurrent Reception of GPS and GLONASS; Industry Leading - 167dBm Navigation Sensitivity	
Mobile	4G LTE/AWS	

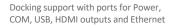
<sup>\*</sup> Specifications subject to change without notice.

### **Accessories**

The DT301Y 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**





#### **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** 









