



DT301YR Rugged Tablet

Slim, Rugged, Multi-Functional Wireless Computing

The DT301YR Rugged Tablet features the integration of a high-brightness 10.1" touchscreen and a high-performance, energy-efficient Intel® Core™ processor within a slim, lightweight, durable package. With a 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 DT301YR 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
- High capacity, hot-swappable battery pack
- Built-in smart card/CAC reader
- Anti-microbial coating
- IP65 rated, MIL-STD-810H and MIL-STD-461G certified
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Energy Star 8.0 certified
- Slim keyboard option for 2-in-1 applications

Major Options

- Long Range BT Class 1 (1000 ft)
- Front and Back Cameras
- 2D Barcode Scanner (Reads 1D and 2D)
- UHF RFID Reader
- GPS Module
- 4G LTE/AWS

Specifications



Model	DT301YR
System	
CPU	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	512GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available
Display	10.1" LED-Backlit, Sunlight-Readable (1000 nits) Touchscreen
Display Resolution	1920 x 1200
Internet	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band
Microphone	Built-In Microphone
Speaker	Built-In Speaker

I/O Ports

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A
USB Ports	1 x USB 3.0, 1 x latest USB/charging
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN
Headphone Jack	1 (3.5 mm)
DC IN	1
Smart Card/CAC Reader	Full-Slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V Smart Card
Switches and 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) 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) with a built-in heating element. *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)
Humidity	0% to 90% Non-Condensing
Certifications	FCC Class B, CE, RoHS, Energy Star 8.0 Compliant
Durability	IP65, MIL-STD-810H and MIL-STD-461G Certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D and 2D)
Camera	5MP Front Camera and 8MP Back Camera
UHF RFID Reader	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance
GNSS	GPS
Mobile Broadband	4G LTE/AWS
Long Range BT	Class 1 BT (1000 ft)

* 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

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

