



DT301Y RUGGED 2-IN-1 TABLET

Slim, Rugged, Multi-functional Wireless Computing

The DT301Y Rugged Tablet features the integration of a high brightness 10.1" capacitive touchscreen and a high performance, energy-efficient Intel® Pentium® processor within a slim, lightweight, durable package. With a built-in smart card/CAC reader, Wi-Fi and Bluetooth, as well as options for the data capture modules, this rugged tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810H/461G and HERO certified, the DT301Y Rugged Tablet provides reliable operation in harsh, mission-critical environments.

Features



- 10.1" full-HD capacitive (1000 nits) touchscreen, digital pen support
- Intel® Pentium® Gold 7505 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

Major Options

- Front and Back Cameras
- Intel® RealSense™ Back Camera
- 2D Barcode Scanner (Reads 1D and 2D)
- UHF RFID Reader
- GPS Module
- 4G LTE/AWS

Specifications



Model	DT301Y
System	
CPU	Intel® Pentium® Gold 7505, 2-Core, up to 3.5 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, High-Brightness (1000 nits) Touchscreen
Display Resolution	1920 x 1200
Control Switch and Buttons	1 x Power Button, 2 x Brightness Buttons, 5 x Programmable Buttons
Speaker	Built-in speaker
Microphone	Built-In Microphone

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band
Bluetooth	5.2

I/O Ports

USB Ports	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	1 (3.5mm)
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN
Smart Card/ CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
DC-In	1

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 20V DC, 3.25A
Battery Pack	Hot-swappable battery, 11.4V, 5400mAh; Hot-swappable battery, 11.4V, 8000mAh (optional)
Enclosure	ABS + PC Plastic and Magnesium-Aluminum Alloy
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
Durability	IP65, MIL-STD-810H and MIL-STD-461G Certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes
Regulatory	FCC Class B, CE, RoHS Compliant 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. Storage: -50°C to 70°C (-58°F to 158°F) *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F)
Temperature	
Humidity	0% to 90% Non-Condensing

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D and 2D)
Camera	2MP Front Camera and 8MP Back Camera
UHF RFID Reader	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 feet (4.87m) read 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

