



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" sunlight readable touchscreen, digital pen supported
- 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
- Energy Star 8.0 certified

Major Options

- Front and back cameras
- Intel® RealSense™ back camera
- 2D barcode scanner; reads 1D also
- 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	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	10.1" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1920 x 1200
Control Switch and Buttons	1 X power button, 2 X brightness control buttons, 5 X programmable buttons
Speaker	Built-in speaker
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4GHz/ 5GHz dual band
Bluetooth	5.2
I/O Ports	
USB Ports	1 x USB 3.0, 1 x USB Type-C
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
Mechanical and Environmental	
AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3.25A
Battery Pack	Hot-swappable battery, 11.4V, 5400mAh; Hot-swappable battery, 11.4V, 8000mAh (optional)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating
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
Temperature	Operation*: -10°C ~ 60°C (14°F ~ 140°F) Optional -30°C ~ 60°C (-22°F ~ 140°F) *For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C ~ 45°C (14°F ~ 113°F) Storage: -50°C to 70°C (-58°F ~ 158°F)
Humidity	0% ~ 90% non-condensing
Major Options	
Barcode Scanner	2D barcode scanner; reads 1D also
Camera	2MP Front Camera & 8MP Back Camera
UHF RFID Reader	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 feet (4.87m) read distance
GNSS Module	U-blox M9N GNSS Module
Mobile Broadband	4G LTE/AWS

* 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



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