



DT301Y Rugged Tablet

Slim, Rugged, Multi-Functional Wireless Computing

The DT301Y Rugged Tablet features the integration of high-brightness 10.1" touchscreen and high performance, energy-efficient Intel® Core™ or Pentium® processor within a slim, lightweight, durable package. With built-in smart card/CAC reader and Wi-Fi as well as optional data capture modules, these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G/461F and HERO certified with a wide temperature range, the DT301 Rugged Tablet provides reliable operation in harsh, mission-critical environments.



Features

- 10.1" sunlight readable touchscreen, digital pen supported
- Intel® Core™ i5/i7 or Pentium® Gold 7505 processor
- Microsoft® Windows® 10 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
- Detachable 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	DT301Y
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System

CPU	Intel® Pentium® Gold 7505, 2-Core, up to 3.5 GHz Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz
RAM	8GB to 32GB
Storage	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10 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, 2.4/5GHz 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
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 with Antimicrobial Coating
Battery Pack	Hot-Swappable Battery (11.4V, 5400mAh) Optional: Hot-Swappable Battery (11.4V, 8000mAh)
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) Storage: -55°C to 70°C (-67°F to 158°F) <small>* 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)</small>
Humidity	0% – 90% Non-Condensing
Certifications	FCC Class B, CE, RoHS
Durability	IP65, MIL-STD-810G and MIL-STD-461F certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes

Major Options

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

* Specifications subject to change without notice.



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