DT Research
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DT302RP
Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT302RP Rugged Tablet features the integration of a sunlight readable 10.1" capacitive touchscreen and a high-performance, energy-efficient Intel® Core™ i processor within a slim, lightweight, durable casing. With built-in Wi-Fi and optional data capture modules, this robust tablet offers seamless information capture and transmission for optimal workflow. IP65 rated and MIL-STD-810G certified with a wide temperature range, the DT302RP Rugged Tablet provides reliable operation in harsh, mission-critical environments.

Features

- 10.1" LED-backlit, sunlight readable (800 nits) touchscreen LCD (supports digital pen)
- Intel® Core™ processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- Hot-swappable battery for 24/7 operation
- Built-in microphone & speaker
- Antimicrobial coating
- Detachable keyboard option for 2-in-1 applications
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection

Major Options

- 5 MP front camera/8 MP back camera
- Barcode scanner
- 4G

Specifications

Model	**DT302RP**

System

CPU	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ U300, 5-Core, up to 4.4 GHz
RAM	8GB to 32GB
Storage	64GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available
Display	10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen LCD
Display Resolution	1920 x 1200
Control Switch and Buttons	1 X Power Button, 2 X Brightness Control Buttons, 5 X Programmable Buttons
Microphone	Built-In Microphone
Speaker	Built-In 2W Speaker

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band
BT	5.2

I/O Ports

USB Ports	1 x USB 3.0, 1 x USB Type-C (Data transmission & Power Charging)
Headset Jack	1 (3.5 mm)
Ethernet Port	1
DC-In Jack	1

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot-Swappable Battery (11.4V, 3900mAh) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating
Dimensions (H x W x D)	7.7 x 10.71 x 0.79 in/195.6 x 272 x 20 mm
Weight	3 lbs/1.32 kg
Durability	IP65 and MIL-STD-810G Certified
Regulatory	CE, FCC Class B, RoHS, UL
Temperature	Operation: -10°C to 60°C (14°F to 140°F); Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% to 90% Non-Condensing

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
Camera	5 MP Front Camera & 8 MP Back Camera
GNSS Module	U-blox M8N GNSS Module
Mobile Broadband	4G

* Specifications subject to change without notice.

Accessories

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

Slim Detachable Keyboard

Designed to connect to DT302RP tablet without switching and pairing.

Tablet Mount Cradle

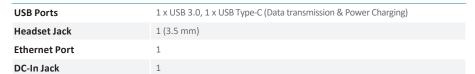Offers Tablet storage and security with power supply and I/O ports.

Battery Charging Kits

Battery Pack