



DT381RP Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT381RP Rugged Tablet features the integration of a LED-backlit, high-brightness (800 nits) 8" touchscreen and a powerful Intel® Core™ i processor within a slim, lightweight, and durable enclosure. With the built-in Wi-Fi, BT and optional advanced data capture modules, DT381RP is capable of operating at high performance while providing optimized operating efficiency. Rated IP65, MIL-STD-810H and MIL-STD-461G certification, the DT381RP Rugged Tablet is ideal for operations in harsh, mission-critical environments.

Features

- 8" LED-backlit, high-brightness (800 nits) touchscreen, supports digital pen
- Intel® Core™ i processor
- Microsoft® Windows® 10/11 OS
- 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
- Hot-swappable battery pack
- Energy Star 8.0 certified



Major Options

- Front and back cameras
- Long-range BT
- U-blox GNSS module
- 4G LTE/AWS
- Dual pass through antennas integrated in the docking cradle
- Wider operating temperature range

* Back camera and LRBT cannot be built onto same device.

Specifications



Model	DT381RP
System	
CPU	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1335U, 10-Core, up to 5 GHz
RAM	16GB
Storage	256GB to 1T SSD
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available
Trusted Platform Module	TPM 2.0
Display	8" LED-Backlit, High-Brightness (800 nits) Touchscreen
Display Resolution	1280 x 800
Switches & Buttons	1 x Power Button, 2 x Brightness Buttons, 4 Programmable Buttons
Speaker	Built-In Speaker
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band
BT	BT 5.2
I/O Ports	
USB Port	1 x USB 3.2 Gen 1, 1 x USB Type C
Ethernet	1 (Ethernet 10/100/1000MB Base-T LAN)
Audio Jack	1 (3.5mm)
SD Card Slot	1 x Micro SD Card Slot
Mechanical and Environmental	
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.25A
Battery Pack	Hot-Swappable Battery (7.6V, 6000mAh) Optional: Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh)
Enclosure	ABS + PC Plastic
Dimensions (H x W x D)	5.8 x 9.2 x 1.0 in/147.3 x 234 x 25.5 mm
Weight	2.65 lbs/1.2 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G Certified
Regulatory	FCC Class B, CE, RoHS, Energy Star 8.0 Compliant
Temperature	Operation*: -10°C ~ 60°C (14°F ~ 140°F) Optional -30°C ~ 60°C (-22°F ~ 140°F) Storage: -50°C ~ 70°C (-58°F ~ 158°F) *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C ~ 50°C (32°F ~ 122°F)
Regulatory	CE, FCC Class B, RoHS
Humidity	0% to 90% Non-Condensing
Major Options	
Camera	8 MP Front and Back Cameras w/ Auto Focus, White Balance, Gain Control, and Exposure Control
Long-range BT	Class 1 BT (1000 ft.)
GNSS Module	U-Blox GNSS Module
Antenna	Dual Pass Through Antennas Integrated in the Docking Cradle
Mobile Broadband	4G LTE/AWS

* Specifications subject to change without notice.

Accessories

• Desktop Charging Cradle



• Wall/Vehicle Mount Cradle



• Battery Pack

