



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. IP65 and MIL-STD-810H certified, 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-810G for shock and vibration protection
- Hot-swappable battery pack

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

Specifications



| | |
|-------------------------------------|---|
| Model | DT381RP |
| System | |
| CPU | Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1355U, 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 and MIL-STD-810H |
| Regulatory | CE, FCC Class B, RoHS |
| Temperature | Operation: AC Mode: -20°C to 45°C (-4°F to 113°F) Battery Mode: 0°C to 40°C (32°F to 104°F) Optional Wider Operating Temperature Range: -30°C to 40°C (-22°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°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



- Pole/Vehicle Mount Cradle



- Battery Pack

