



# DT Research DT311 Rugged Tablet PC

## PRODUCT SPECIFICATIONS

### RUGGED RATING & ENVIRONMENTAL

- Enclosure ABS + PC plastics
- ABS + PC plastics; anti-microbial enclosure
- Temperature: Operation: -4 °F to 140 °F (-20 °C to 60 °C); Storage: -67 °F to 158 °F (-55 °C to 70 °C)
- Humidity: 0% – 90% non-condensing
- Vibration and Shock Resistance: MIL-STD-810G
- EMI and EMC Tolerance: MIL-STD-461F
- Water and Dust Resistance: IP65

### OPERATING SYSTEM

- Microsoft Windows 7 Professional
- Microsoft Windows 10 IoT Enterprise

### PROCESSOR

- Intel Celeron
- Intel Core i5
- Intel Core i7

### STORAGE & MEMORY

- 128GB solid state drive
- 256GB and 512GB solid state drives optional
- 4GB RAM
- 8GB RAM (DT311H models)

### DISPLAY

- 11.6" LED backlight-screen with capacitive touch
- 1920 x 1200 resolution

### WIRELESS COMMUNICATIONS

- Wi-Fi 802.11ac
- High Speed Bluetooth 4.0 LE
- Optional 4G module

### INTEGRATED OPTIONS

- 2D barcode scanner; reads 1D also
- NFC/RFID Reader - HF/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)
- Long-range Bluetooth - Class 1 Bluetooth (1000 ft.)
- GNSS Module - U-blox M8 GNSS module with concurrent reception of GPS and GLONASS, industry leading -167dBm navigation sensitivity
- 4G LTE/AWS module

### I/O INTERFACES

- 1 DC-in Jack
- 1 Headphone out
- 1 USB 3.0 port
- 1 SmartCard/CAC Reader - Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V SmartCard

### SPEAKER / MICROPHONE

- Built-in speaker
- Built-in microphone with DSP for video conference call

#### OPTIONAL CAMERAS

- 2 megapixel front camera
- 5 megapixel back camera
- Auto focus
- White balance
- Gain control
- Exposure control

#### POWER SUPPLY /BATTERY

- AC/DC Adapter - Input: 100 – 240V AC; Output: 19V DC, 3.42A
- 7.2V, 6150mAh (hot-swappable)

#### DIMENSIONS/WEIGHT

- 7.5 x 10.7 x 0.86in/ 190 x 272 x 21.9mm
- 2.86lbs/ 1.3kg

#### REGULATORY

- FCC Class B, CE, RoHS compliant

#### WARRANTY

- One-year warranty
- Extended warranties available



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