



# DT Research DT313 Rugged Tablet PC

## PRODUCT SPECIFICATIONS

### ENVIRONMENTAL

- Enclosure ABS + PC plastics
- ABS + PC plastics; anti-microbial enclosure
- Temperature: Operation: 0 °C – 40 °C;  
Storage: -20 °C – 60 °C
- Humidity: 0% – 90% non-condensing
- Water and Dust Resistance: IP54 front panel
- Shock and Vibration: MIL-STD-810G

### PROCESSOR

- Intel® Celeron®, 1.4GHz
- Optional Intel Core i5, 2.4GHz (DT313H)
- Optional Intel Core i7, 1.86GHz (DT313H)

### OPERATING SYSTEM

- Microsoft® Windows 7 Professional, or Windows 10 IoT Enterprise

### DISPLAY

- 13.3" LED-backlight screen with capacitive touch
- 1920 x 1080 (Full-HD) Resolution

### STORAGE & MEMORY

- 64GB-256GB RAM (DT313C)
- 128GB-512GB RAM (DT313H)
- 4GB RAM
- 8GB RAM (DT313H)

### WIRELESS COMMUNICATIONS

- Wi-Fi 802.11ac
- Bluetooth 4.0 LE
- Optional 3G WWAN module or 4G LTE/AWS module

### INTEGRATED OPTIONS

- 2D Barcode Scanner
- NFC/RFID Reader - Complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
- 3G WWAN module
- 4G LTE/AWS module

### I/O INTERFACES

- 1 USB 3.0 Port
- 1 Microphone-in
- 1 Headphone-out
- 1 DC-in
- SmartCard reader - Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V

### SPEAKER / MICROPHONE

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

### SMARTCARD READER

- Full Slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

#### OPTIONAL CAMERAS

- Sensor  
Front: 1/5" CMOS, 2M sensor; Back: 1/4" CMOS, 5M sensor
- Resolution  
Front: Support up to 1600 x 1200 pixels still image  
Back: Support up to 2594 x 1944 pixels still image  
Automatic white balance, automatic gain control, and automatic exposure control
- Auto focus  
Focus Distance 3.94 in (10cm) ~ ∞

#### BATTERY

- Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh
- AC/DC Adapter: Input: 100 – 240V AC; Output: 19V DC, 6.31A

#### POWER SUPPLY

- AC/DC Adapter: Input: 100 – 240V AC; Output: 19V DC, 3.42A
- Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh

#### DIMENSIONS/WEIGHT

- 8.5 x 13.5 x 0.75 in/ 216 x 344 x 18.9mm
- 3.31 lbs/ 1.5 kg

#### REGULATORY

- FCC Class B, CE, RoHS compliant

#### WARRANTY

- One-year warranty

