



# DT Research

## DT395CT Rugged Tablet PC

### Slim, Rugged, Multi-functional Wireless Computing

The DT395CT features the integration of a brilliant 9" touch screen and a high performance, energy-efficient Intel® Atom™ dual core processor within a slim, lightweight, durable package. With built-in smart card reader, Wi-Fi and Bluetooth modules as well as options for a barcode scanner, front and back cameras, and 3G connection, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65 for water and dust resistance, MIL-STD-810G for shock and vibration protection as well as with on-screen keyboards and optional sunlight-readable display, the DT395CT provides reliable operation in harsh, mission-critical environments.

#### • Features

- Intel® Atom™ dual core processor; high performance with low power consumption
- Slim, lightweight and durable design
- 9" LED-backlight display with resistive touch screen; sunlight readable option
- Smart card reader (full-slot) and optional modules: barcode scanner, camera, 3G, and GPS
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- NIST (National Institute of Standards and Technology) compliant
- TPM (Trusted Platform Module) 1.2 support
- Wi-Fi and Bluetooth 3.0+HS connection
- Hot-swappable batteries and vehicle-mount charging option
- Comprehensive remote device administration through server-based WebDT Device Manager software



## • Specifications

System	
<b>CPU</b>	Intel® Atom™ N2600 Dual Core, 1.6GHz
<b>RAM</b>	2GB
<b>Storage</b>	32GB, 64GB, 128GB or 256GB Flash
<b>Operating System</b>	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® XP Embedded, Windows® XP Pro for Embedded Systems, or Linux
<b>Display</b>	9" LED-backlight screen with resistive touch; sunlight readable option
<b>Display Resolution</b>	1024 x 600 (WSVGA)
<b>Trusted Platform Module</b>	TPM 1.2 support
<b>Fan/ Fanless</b>	Fanless
<b>Control Switch and Buttons</b>	1 power button, 7 front buttons, 1 trigger button and 1 Wi-Fi switch
<b>Indicator</b>	1 power/ battery status LED and 1 WLAN active LED
<b>Speaker</b>	Built-in speaker
<b>SD Slot</b>	Yes, up to 64GB
<b>NIST Compliant</b>	Yes
Network Interface	
<b>WLAN</b>	Wi-Fi 802.11a/b/g/n
<b>Bluetooth</b>	Bluetooth 3.0+HS
<b>WWAN/ GPS</b>	3G module for HSPA+/WCDMA/EDGE/GPRS/GSM with GPS positioning and navigation (optional)
I/O Ports	
<b>USB Port</b>	1
<b>Microphone-in</b>	Internal microphone
<b>Headphone-out</b>	1
<b>DC-in</b>	1
<b>Full Slot Smart Card Reader</b>	Reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Mechanical and Environmental	
<b>AC/DC Adapter</b>	<b>Input:</b> 100 – 240V AC; <b>Output:</b> 19V DC, 2.36A
<b>Battery Pack</b>	Internal 7.4V, 3760mAh/ Optional External 7.4V, 3760mAh
<b>Enclosure</b>	ABS + PC plastics
<b>Stylus</b>	non-electronic tip
<b>Protective Grip</b>	Rubber bumpers on each corner for handling protection
<b>Dimensions (H x W x D)</b>	7.7 x 10 x 1.3 in/ 196 x 256 x 33.5 mm
<b>Weight</b>	2.43 lbs/ 1.1 kg
<b>Water and Dust Resistance</b>	IP65
<b>Vibration and Shock Resistance</b>	MIL-STD-810G
<b>Regulatory</b>	FCC Class B, CE, C-Tick, RoHS compliant
<b>Temperature</b>	<b>Operation:</b> 0°C – 40°C <b>Storage:</b> -20°C – 60°C
<b>Humidity</b>	0% – 90% non-condensing

\* Specifications subject to change without notice.

## • Major Options

### Front and Back Camera

<b>Sensor</b>	Front: 1/5" CMOS, 2M sensor Back: 1/4" CMOS, 5M sensor with LED flash light
<b>Resolution</b>	Front: Support up to 1600 x 1200 pixels still image Back: Support up to 2594 x 1944 pixels still image
<b>Automatic Image Control</b>	Automatic white balance, gain control, and exposure control
<b>Focusing Type</b>	Auto focus
<b>Focus Distance</b>	10cm ~ ∞

### Barcode Scanner (2D)

<b>Scan Rate</b>	60 frame/ sec
<b>Scan Angle</b>	Tilt: 360°/ Pitch: ±45°/ Siew: ±65°
<b>Optical Resolution</b>	CMOS 844 x 640 pixels
<b>Print Contrast</b>	Down to 20%

## • Accessories

The DT395CT has a suite of customized accessories to meet numerous deployment needs.

- Desktop Charging Cradle
- Wall/ Vehicle Mount Cradle



- External Battery Pack
- 6-Bay External Battery Charger



- External Battery Charger Kit with AC Adapter & Power Cord
- Plastic tablet handstrap

