



# DT Research

## Mobile POS Tablets

Rugged, Multi-functional Wireless Computing

The DT Research Mobile POS Tablets feature the integration of brilliant touch displays and high performance processing within slim, durable, and light designs. Developed for mobile POS (point-of-sale and point-of-service) applications, the DT Research tablets embed peripherals that include smart card and magnetic stripe readers, barcode scanner as well as Wi-Fi, Bluetooth and 3G. The user and deployment experience is enhanced by a comprehensive suite of accessories and options in support of docking, mounting, battery management, sunlight viewability and a range of other POS-centric requirements. The Windows®-based software operating systems facilitate the integration of the DT Research tablets into comprehensive POS systems.







### • Applications

The DT Research Mobile POS Tablets are ideal for the following applications :

- Inventory/ Warehousing
- Healthcare
- Control/ Monitoring
- Education
- Finance
- Hospitality
- Retail
- Manufacturing



## Specifications

						
Model	DT307SC	DT365	DT315CT	DT395	DT398B	DT398C
System						
CPU	ARM 800MHz	Intel® Atom™ Dual Core, 1.86GHz			Intel® Core™ i7, 1.7GHz	Intel® Celeron® Dual Core, 1.1GHz
RAM	512MB	4GB	4GB	4GB	4GB to 8GB	
Storage	4GB Flash	8GB to 256GB	8GB to 256GB	8GB to 256GB	8GB to 256GB	
Operating System	Microsoft® Windows® CE 6.0 or Windows® Mobile 6.X	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux				
Display	7" LED-backlight screen with capacitive touch	8.4" LED-backlight screen with capacitive touch	9.7" LED-backlight screen with capacitive touch	9" LED-backlight screen with resistive touch, sunlight-readable	9.7" LED-backlight screen with resistive touch; sunlight readable options	
Display Resolution	480 x 800 (WVGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1024 x 600 (WSVGA)	1024 x 768 (XGA)	
Trusted Platform Module	N/A	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support
Fan	Fanless	Fanless	Fanless	Fanless	Fan	Fan
Control Switch and Buttons	1 power button and 1 trigger button			1 power button, 7 front buttons, 1 trigger button and 1 Wi-Fi switch	1 power button, 3 side buttons, 1 trigger button and 1 Wi-Fi switch	
Indicator	1 power/ battery status LED, 1 WLAN active LED and 1 MSR indicator	1 power/ battery status LED and 1 WLAN active LED				
Speaker	Built-in speaker					
Network Interface						
WLAN	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 2.1	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS
WWAN/ GPS	N/A	3G module for HSPA+/WCDMA/EDGE/GPRS/GSM with GPS positioning and navigation (optional)				
I/O Ports						
USB Port	1 USB 2.0, 1 mini USB	1	1	1	1 eSATA USB hybrid port	
Headphone-out	1	1	1	1	1	1
DC-in	1	1	1	1	1	1
Smart Card Reader	N/A	N/A	Half-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		
SD Slot	Micro-SD x 1, support 8GB	Yes, support 64GB	Yes, support 64GB	Yes, support 64GB	Yes, support 64GB	Yes, support 64GB
Mechanical and Environmental						
AC/DC Adapter	Input: 100 – 240V AC; Output: 5V DC, 3A	Input: 100 – 240V AC; Output: 12V DC, 3.5A		Input: 100 – 240V AC; Output: 19V DC, 2.36A	Input: 100 – 240V AC; Output: 19V DC, 6.31A	
Battery Pack	Hot swappable battery, 3.7V, 4000mAh	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh			Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh	
Enclosure	ABS + PC plastics, TPR	ABS + PC plastics and magnesium-aluminum alloy		ABS + PC plastics		
Stylus	N/A	N/A	N/A	Yes, non-electronic tip		
Protective Bumpers	Rubber grips with handstrap			Rubber bumpers on each corner with handstrap for handling protection		
Dimensions (H x W x D)	5.24 x 8.75 x 0.7 in/ 133 x 210 x 18 mm	9.4 x 7.9 x 1.4 in/ 240 x 200.5 x 35 mm	8.3 x 10.2 x 0.8 in/ 211.5 x 260 x 20.3 mm	7.7 x 10 x 1.3 in/ 196 x 256 x 33.5 mm	8.7 x 10.4 x 1 in/ 220 x 263 x 25.4 mm	
Weight	1.1 lbs/ 0.5 kg	2.43 lbs/ 1.1 kg	2.69 lbs/ 1.22 kg	2.43 lbs/ 1.1 kg	3.1 lbs/ 1.4 kg	3.1 lbs/ 1.4 kg
Water and Dust Resistance	N/A	N/A	IP54 front face	IP65	IP65	IP65
Vibration and Shock Resistance	N/A	N/A	N/A	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant					
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C		Operation: -10°C – 50°C (Battery charging: 0°C – 40°C); Storage: -20°C – 60°C	Operation: 0°C – 40°C (Upgrade option: -20°C – 50°C); Storage: -20°C – 60°C		
Humidity	0% – 90% non-condensing					
Major Options						
MSR	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant		N/A	N/A	N/A	N/A
Barcode Scanner	2D barcode scanner; reads 1D also					
Camera	3M pixels back camera with LED flash, auto focus, white balance, gain control and exposure control	5M pixels back camera with LED flash, auto focus, white balance, gain control and exposure control		2M pixels front and 5M pixels back cameras with LED flash (for back camera only), auto focus, white balance, gain control and exposure control		
RFID Reader	13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1		N/A	N/A	13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	

\* Specifications subject to change without notice.