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, magnetic stripe and RFID readers, Bluetooth, various wireless networking formats, cameras, scanners, and imagers. 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 major 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**

DT312/ DT315CT/ DT362/ DT390/ DT390i/ DT395

DT Research

● Specifications

	DT312	DT315CT	DT362	DT390	DT390i	DT395

System

	DT312	DT315CT	DT362	DT390	DT390i	DT395
CPU	Intel® Atom™, 1.6GHz	Intel® Atom™ Dual Core, 1.86GHz	Intel® Atom™, 1.6GHz	Intel® Atom™, 1.6GHz	Intel® Atom™, 1.6GHz	Intel® Atom™ Dual Core, 1.86GHz
RAM	2GB	4GB	2GB	2GB	2GB	4GB
Storage	8GB to 256GB Flash	8GB to 256GB Flash	8GB to 256GB Flash	8GB to 64GB Flash	8GB to 64GB Flash	8GB to 256GB Flash
Operating System	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® XP Embedded; Windows® XP Pro for Embedded Systems, or Linux	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® XP Embedded; Windows® XP Pro for Embedded Systems, or Linux	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® XP Embedded; Windows® XP Pro for Embedded Systems	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, Windows® XP Embedded; Windows® XP Pro for Embedded Systems	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux
Display	10.4" LED-backlight screen with resistive touch; sunlight-readable option	9.7" LED-backlight screen with capacitive touch	8.4" LED-backlight screen with resistive touch; sunlight-readable option	8.9" LED-backlight screen with resistive touch; outdoor-viewable option	8.9" LED-backlight screen with resistive touch; sunlight readable option	9" LED-backlight screen with resistive touch; sunlight readable option
Display Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 600 (WSVGA)	1024 x 600 (WSVGA)	1024 x 600 (WSVGA)
Trusted Platform Module	N/A	Yes, TPM 1.2 support	N/A	N/A	Yes, TPM 1.2 support	Yes, TPM 1.2 support
Control Switch and Buttons	1 power button, 7 front buttons and 1 trigger button	1 power button and 1 trigger button	1 power button, 7 front buttons and 1 trigger button	1 power button, 7 front buttons and 1 trigger button	1 power button, 7 front buttons and 1 trigger button	1 power button, 7 front buttons, 1 trigger button and 1 Wi-Fi switch
Indicator	1 power/ battery status LED and 1 WLAN active LED					
Speaker	Built-in speaker					

Network Interface

	DT312	DT315CT	DT362	DT390	DT390i	DT395
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 with EDR	Bluetooth 3.0+HS	Bluetooth 2.1 with EDR	Bluetooth 2.1 with EDR	Bluetooth 2.1 with EDR	Bluetooth 3.0+HS
WWAN/ GPS	N/A	3G module for HSPA+/WCDMA/EDGE/GPRS/GSM with GPS positioning and navigation (optional)	N/A	3G module for HSPA+/WCDMA/EDGE/GPRS/GSM with GPS positioning and navigation (optional)		

I/O Ports

	DT312	DT315CT	DT362	DT390	DT390i	DT395
USB 2.0 Port	2	1	1	1	1	1
Microphone-in	1	1	1	Internal microphone	Internal microphone	N/A
Headphone-out	1	1	1	1	1	1
DC-in	1	1	1	1	1	1
Smart Card Reader	Half-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card (optional)	Half-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	Half-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card (optional)	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		
SD Slot	N/A	Yes, up to 64GB	N/A	N/A	N/A	Yes, up to 64GB

Mechanical and Environmental

	DT312	DT315CT	DT362	DT390	DT390i	DT395
AC/DC Adapter	**Input:** 100 – 240V AC; **Output:** 12V DC, 3.5A			**Input:** 100 – 240V AC; **Output:** 19V DC, 2.36A		
Battery Pack	Internal 7.4V, 2200mAh or 7.4V, 3760mAh/ Optional: external: 7.4V, 3760mAh	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh	Internal 7.4V, 2200mAh or 7.4V, 3760mAh/ Optional: external: 7.4V, 3760mAh	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh/ 7.2V, 3900mAh		Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh
Enclosure	ABS + PC plastics and magnesium-aluminum alloy			ABS + PC plastics		
Stylus	Yes, non-electronic tip	N/A	Yes, non-electronic tip			
Protective Bumpers	Rubber with handstrap			Rubber bumpers on each corner for handling protection		
Dimensions (H x W x D)	8.3 x 10.3 x 0.8 in/ 210 x 261 x 18 mm	8.3 x 10.2 x 0.8 in 211.5 x 260 x 20.3 mm	7.9 x 9.6 x 0.8 in/ 200 x 240 x 18 mm	7.7 x 10 x 1.25 in/ 196 x 256 x 32 mm	7.7 x 10 x 1.25 in/ 196 x 256 x 32 mm	7.7 x 10 x 1.3 in/ 196 x 256 x 33.5mm
Weight	2.05 lbs/ 0.93 kg	1.98 lbs/ 0.9 kg	1.9 lbs/ 0.86 kg	2.43 lbs/ 1.1 kg	2.43 lbs/ 1.1 kg	2.43 lbs/ 1.1 kg
Water and Dust Resistance	N/A	IP54 front panel	N/A	IP64 (*IP64 rating may not be applicable for units with module options)		IP65
Vibration and Shock Resistance	N/A	N/A	N/A	MIL-STD-810G		
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant					
Temperature	**Operation:** 0°C – 40°C; **Storage:** -20°C – 60°C	**Operation:** 5°C – 35°C; **Storage:** -20°C – 60°C	**Operation:** 0°C – 40°C; **Storage:** -20°C – 60°C	**Operation:** -20°C – 50°C; **Storage:** -20°C – 60°C		
Humidity	0% – 90% non-condensing					

Major Options

	DT312	DT315CT	DT362	DT390	DT390i	DT395
MSR	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant	N/A	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant			N/A
Barcode Scanner	2D barcode scanner; reads 1D also					
Camera	2M pixels front and back cameras, with auto focus, white balance, gain control and exposure control	5M back camera with LED flash, auto focus, white balance, gain control and exposure control	2M pixels back camera; with auto focus, white balance, gain control and exposure control	2M pixels front and back cameras, with LED flash (for back camera only), auto focus, white balance, gain control and exposure control		2M pixels front camera and 5M pixels back camera with LED flash, auto focus, white balance, gain control and exposure control
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & Felica UID	N/A	HF 13.56MHz, ISO standard 15693, 14443A(B) & Felica UID			N/A

* Specifications subject to change without notice.

Product Configurator

www.dtresearch.com/productconfig