

Mobile POS Tablet

Rugged, Multi-functional for Point-of-Service and Sales Applications



The DT Research Mobile POS Tablets feature the integration of brilliant 7" and 9.7" capacitive touch screens and high performance yet energy-efficient Intel® Celeron® or Atom™ quad core processors within slim, light, and durable packages. With built-in Wi-Fi and Bluetooth as well as options for 2D barcode scanner, EMV smart card reader, encrypted magnetic stripe reader, encrypted magnetic stripe reader, NFC/RFID reader and camera modules, these tablets are ideal for point-of-service/sales applications, and offer seamless information capture for instant transmission on the sales floor, in the restaurant and in the warehouse.

Features






- 7" or 9.7" LED-backlight screen with capacitive touch
- Intel® Celeron® or Atom™ quad core processor; high performance with low power consumption
- Support for Microsoft® Windows® or Android operating system
- IP52 rated front panel for DT315 series
- Optional EMV smart card reader for DT315CR
- Optional camera, NFC/RFID reader, encrypted magnetic stripe reader, and 2D barcode scanner



Applications

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

Specifications

					
Model	DT307SQ	DT307SC	DT317BT	DT315BT	DT315CR
System					
CPU	Quad Core, 1.4GHz	ARM 800MHz	Intel® Atom™ Quad Core, 1.33GHz (up to 2.16GHz)	Intel® Celeron® processor	Intel® Atom™ Quad Core, 1.44GHz (up to 1.84GHz)
RAM	1GB	512MB	2GB	4GB	4GB
Storage	8GB Flash	4GB Flash	64GB Flash	64GB to 256GB Flash	64GB Flash
Operating System	Android 4.2	Microsoft® Windows® CE 6.0 or Windows® Mobile 6.X	Microsoft® Windows® 10 IoT Enterprise	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise	Microsoft® Windows® 10 IoT Enterprise
Display	7" LED-backlight screen with capacitive touch			9.7" LED-backlight screen with capacitive touch; anti-reflection outdoor viewable	
Display Resolution	1024 x 600	800 x 480	1280 x 800	1024 x 768	1024 x 768
Control Switch and Buttons	1 power button and 1 trigger button			1 power button and 2 trigger buttons	1 power button and 2 trigger button
Indicator	1 power/ battery status LED, 1 WLAN active LED and 1 MSR indicator		1 power/ battery status LED	1 power/ battery status LED and 1 WLAN active LED	1 power/ battery status LED
Microphone	Built-in microphone	Built-in microphone	N/A	Built-in microphone	Built-in microphone
Speaker	Built-in speaker	Built-in speaker	Built-in speaker	Built-in speaker	Built-in speaker
Network Interface					
WLAN	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11b/g/n	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ac
Bluetooth	Bluetooth 4.0 HS	Bluetooth 2.1	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE
I/O Ports					
USB Port	USB 2.0 X 1, mini USB X 1 (with OTG function)	USB 2.0 X 1, mini USB X 1	USB 2.0 X 1	USB 3.0 X 1	USB 3.0 X 1
Headset Jack	1 (2.5mm)	1 (2.5mm)	1	1	1
DC-in	1	1	1	1	1
SD Slot	1 Micro-SD card slot	1 Micro-SD card slot	N/A	1 full size SD card slot	1 full size SD card slot
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: 12V DC, 3.33A
Battery Pack	Replaceable rechargeable Li-ion battery, 3.7V, 4000mAh			Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh	Internal 3.6V, 8800mAh
Enclosure	ABS + PC plastics	ABS + PC plastics	ABS + PC plastics	ABS + PC plastics and magnesium-aluminum alloy	
Protective Bumpers	Rubber bumpers with handstrap (units with MSR have handstrap only)		Rubber handstrap	Rubber grips with handstrap	Rubber grips with handstrap
Dimensions (H x W x D)	5.24 x 8.75 x 0.7 in/ 133 x 210 x 18 mm			8.3 x 10.2 x 0.8 in/ 211.5 x 260 x 20.3 mm	
Weight	1.1 lbs/ 0.5 kg	1.1 lbs/ 0.5 kg	1.1 lbs/ 0.5 kg	2.69 lbs/ 1.22 kg	2.69 lbs/ 1.22 kg
Water and Dust Resistance	N/A	N/A	N/A	IP52 front panel	IP52 front panel
Regulatory	FCC Class B, CE, RoHS compliant				
Temperature	Operation: 0°C – 50°C; Storage: -20°C – 60°C		Operation: 0 °C - 40 °C; Storage: -20°C – 60°C		
Humidity	0% – 90% non-condensing				
Major Options					
Magnetic Stripe Reader	Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant				Single, double, or triple tracks; reads AAMVA, ISO bank (ISO 7811) and various cards. Supports unencrypted mode, TDES encryption with static/DUKPT keys management, and Remote Key Injection (RKI)
Barcode Scanner (2D)	2D barcode scanner; reads 1D also				2D barcode scanner; reads 1D also
Camera	5 megapixel back camera	3 megapixel back camera	N/A	5 megapixel back camera, white balance, gain control and exposure control	
EMV Smart Card Reader	N/A	N/A	N/A	N/A	Features EMV Level 1 and 2 certification. Supports TDES and AES encryption algorithms and Remote Key Injection (RKI)
NFC/RFID Reader	Complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1				
Mobile Broadband	3G WWAN	N/A	N/A	N/A	3G WWAN

* Specifications subject to change without notice.

