

Specifications

							
Model	DT307SQ	DT307SC	DT311C	DT311H	DT313C	DT313H	DT315BT
System							
CPU	Quad Core, 1.4GHz	ARM 800MHz	Intel® Celeron®, 1.5GHz	Intel® Core™ i7, 2.4GHz (4M Cache, up to 3.0GHz)	Intel® Celeron®, 1.4GHz	Intel® Core™ i7, 1.8GHz	Intel® Celeron®, 1.58GHz
RAM	1GB	512MB	4GB	8GB	4GB to 16GB		4GB
Storage	8GB Flash	4GB Flash	64GB to 256GB Flash	128GB to 512GB Flash	32GB to 512GB Flash		32GB to 256GB Flash
Operating System	Android 4.2	Microsoft® Windows® CE 6.0 or Windows® Mobile 6.X	Microsoft® Windows® Embedded Standard 7, 7 Professional, Embedded 8 Standard or 8.1 Pro Industry	Microsoft® Windows® 7 Professional or 8.1 Pro Industry	Microsoft® Windows® Embedded Standard 7, 7 Professional, Embedded 8 Standard or 8.1 Pro Industry		Microsoft® Windows® Embedded Standard 7, 7 Professional, Embedded 8 Standard, 8.1 Pro Industry or Linux
Display	7" LED-backlight screen with capacitive touch		11.6" LED-backlight screen with capacitive touch		13.3" LED-backlight screen with capacitive touch		9.7" LED-backlight screen with capacitive touch; anti-reflection outdoor viewable
Display Resolution	1024 x 600 (WSVGA)	480 x 800 (WVGA)	1920 x 1080 (Full-HD)		1920 x 1080 (Full-HD)		1024 x 768 (XGA)
TPM	N/A	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	Fan	Fan	Fan	Fan	Fanless
Control Switch and Buttons	1 power button and 1 trigger button		1 power button, 1 Wi-Fi switch and 2 programmable buttons		1 power button, 1 programmable button and 1 Wi-Fi switch		1 power button and 2 trigger buttons
Indicator	1 power/ battery status LED, 1 WLAN active LED and 1 MSR indicator		1 power/ battery status LED and 1 WLAN active LED		1 power/ battery status LED		1 power/ battery status LED and 1 WLAN active LED
Microphone	Built-in microphone	Built-in microphone	Built-in microphone with DSP for video conference call		Microphone with DSP for video conference call		Built-in microphone
Speaker	1.5W built-in speaker	1.5W built-in speaker	2W built-in speaker		2W built-in speaker		1W built-in speaker
Sensor	N/A	N/A	N/A	N/A	N/A	N/A	Built-in gyroscope sensor, e-compass sensor, and 3-axis accelerometer
Camera	Optional	Optional	5 megapixel back camera with LED flash, auto focus, white balance, gain control and exposure control		Optional	Optional	Optional
Network Interface							
WLAN	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		
Bluetooth	Bluetooth 4.0 HS	Bluetooth 2.1	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE		Bluetooth 4.0 LE
Mobile Broadband	3G WWAN (optional)	N/A	3G WWAN/ 4G LTE (optional)	4G LTE (optional)	3G WWAN (optional)	3G WWAN (optional)	3G WWAN (optional)
I/O Ports							
USB Port	1 USB 2.0, 1 mini USB (with OTG function)	1 USB 2.0, 1 mini USB	1 eSATA USB hybrid port	1 eSATA USB hybrid port	1 USB 3.0	1 USB 3.0	1 USB 3.0
Audio Jack	1 (2.5mm)	1 (2.5mm)	1	1	2	2	1
DC-in	1	1	1	1	1	1	1
Smart Card Reader	N/A	N/A	Full 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		N/A
SD Slot	1 full size Micro-SD card slot	1 full size Micro-SD card slot	N/A	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: 19V DC, 3.42A		Input: 100 – 240V AC; Output: 19V DC, 3.42A		Input: 100 – 240V AC; Output: 19V DC, 2.36A
Battery Pack	Replaceable rechargeable Li-ion battery, 3.7V, 4000mAh	Hot swappable battery, 3.7V, 4000mAh	Hot swappable battery, 7.2V, 6150mAh		Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh		Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh
Enclosure	ABS + PC plastics, TPR		ABS + PC plastics and magnesium-aluminum alloy		ABS + PC plastics and magnesium-aluminum alloy		
Stylus	Capacitive touch stylus		Capacitive touch stylus		Capacitive touch stylus		Capacitive touch stylus
Protective Bumpers	Rubber with handstrap (units with MSR have handstrap only)		Rubber bumpers on each corner for handling protection		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		8.2 x 12.3 x 0.86 in/ 208.2 x 312.3 x 22 mm		8.5 x 13.5 x 0.75 in/ 216 x 344 x 18.9 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		2.76 lbs/ 1.25 kg		3.31 lbs/ 1.5 kg		2.69 lbs/ 1.22 kg
IP Rating	N/A	N/A	IP65	IP65	IP54 front panel		IP52 front panel
MIL-STD-810G	N/A	N/A	Drop, shock and vibration		N/A		Drop, shock and vibration
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	Operation: 0°C to 40°C ; Upgrade option: -20°C to 50°C Storage: -20°C to 60°C		Operation: 0°C – 40°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		Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant
Barcode Scanner	2D barcode scanner; reads 1D also		N/A	N/A	N/A		2D barcode scanner; reads 1D also
Camera	5 megapixel back camera with LED flash	3 megapixel back camera with LED flash	Standard	Standard	2 megapixel front camera and 5 megapixel back camera with LED flash		
RFID Reader	HF/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	N/A	N/A	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1		N/A

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Specifications

				
Model	DT365	DT391UF	DT395BT	DT398B/DT398B-C
System				
CPU	Intel® Atom™ Dual Core, 1.86GHz	Intel® Celeron® Dual Core, 1.58GHz (up to 2.17GHz)	Intel® Celeron® Dual Core, 1.58GHz (up to 2.17GHz)	Intel® Core™ i7, 1.7GHz
RAM	4GB	4GB	4GB to 8GB	4GB to 8GB
Storage	32GB to 256GB Flash	64GB to 256GB Flash	32GB to 256GB Flash	32GB to 512GB Flash
Operating System	Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux	Microsoft® Windows® Embedded Standard 7 or 7 Professional	Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux; Windows® Embedded 8 Standard or Windows® 8.1 Pro Industry for capacitive touch screen only
Display	8.4" LED-backlight screen with capacitive touch; regular normal or anti-reflection outdoor viewable	9" LED-backlight screen with capacitive touch; anti-reflection outdoor viewable	9" LED-backlight screen with capacitive touch; anti-reflection outdoor viewable	9.7" LED-backlight sunlight readable screen with resistive touch, or outdoor display with capacitive touch
Display Resolution	800 x 600 (SVGA)	1024 x 600 (WSVGA)	1024 x 600 (WSVGA)	1024 x 768 (XGA)
TPM	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
Control Switch and Buttons	1 power button and 1 trigger button	1 power button	1 power button, 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 and 1 WLAN active LED			
Microphone	N/A	Built-in microphone	Built-in microphone	Built-in microphone
Speaker	1W built-in speaker	1 built-in speaker, 1W	Built-in speaker	Built-in speaker
Sensor	N/A	Built-in gyroscope sensor, e-compass sensor, pressure sensor and 3-axis accelerometer		N/A
Network Interface				
WLAN	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 3.0+HS	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 3.0+HS
Mobile Broadband	3G WWAN (optional)	3G WWAN (optional)	3G WWAN (optional)	3G WWAN (optional)
I/O Ports				
USB Port	1 USB 2.0	2 USB 3.0	1 USB 2.0	1 eSATA USB hybrid port
Headset Jack	1	1	1	1
DC-in	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 (optional)	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
SD Slot	1 full size SD card slot	1 Micro-SD card slot	1 full size SD card slot	1 full size SD card slot
Mechanical and Environmental				
AC/DC Adapter	Input: 100 – 240V AC; Output: 12V DC, 3.5A	Input: 100 – 240V AC; Output: 19V DC, 3.42A	Input: 100 – 240V AC; Output: 19V DC, 2.36A	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh	7.4V, 3760mAh (hot-swappable)	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh	Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh
Enclosure	ABS + PC plastics and magnesium-aluminum alloy	ABS + PC plastics	ABS + PC plastics	ABS + PC plastics
Stylus	Yes, capacitive touch stylus	Yes, capacitive touch stylus	Yes, non-electronic tip	DT398B: non-electronic tip DT398B-C: capacitive touch stylus
Protective Bumpers	Rubber grips with handstrap	Rubber bumpers on each corner with handstrap for handling protection		
Dimensions (H x W x D)	9.4 x 7.9 x 1.4 in/ 240 x 200.5 x 35 mm	9.69 x 7.32 x 1.5 in/ 246 x 186 x 38.2 mm	7.7 x 10 x 1.3 in/ 196 x 256 x 33.5mm	8.7 x 10.4 x 1 in/ 220 x 263 x 25.4 mm
Weight	2.43 lbs/ 1.1 kg	2.56 lbs/ 1.16 kg	2.43 lbs/ 1.1 kg	3.1 lbs/ 1.4 kg
Water and Dust Resistance	N/A	IP65	IP65	IP65
MIL-STD-810G	Drop, shock and vibration	Drop shock and vibration protection	Drop shock and vibration protection & explosive atmosphere certified	
EMI and EMC Tolerance	N/A	N/A	MIL-STD-461F	MIL-STD-461F
Regulatory	FCC Class B, CE, RoHS compliant			
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C	Operation: -10°C – 50°C; Storage: -20°C – 60°C	Operation: -10°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
Barcode Scanner	2D barcode scanner; reads 1D also	N/A	2D barcode scanner; reads 1D also	
Camera	5 megapixel back camera with LED flash	5 megapixel back camera with LED flash		2 megapixel front camera and 5 megapixel back camera with LED flash
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	Integrated UHF RFID Reader: 917.1 to 923.3 MHz, complies with ISO 18000-6c/ EPC global Gen II	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	

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