












Specifications

						
Model	DT372AP	DT370CR	DT380CR	DT301C	DT301T	DT301X
System						
CPU	Intel® Pentium® Quad Core, 1.1GHz (up to 2.5GHz)	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)		Intel® Celeron® processor	Intel® 8 th Generation Core™ i5 or i7 quad-core processor	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz)
RAM	8GB	4GB	4GB	4GB	8GB to 16GB	8GB to 16GB
Storage	128GB to 2TB flash	128GB flash	128GB flash	128GB to 256GB flash	128GB to 2TB flash	128GB to 2TB flash
Operating System	Microsoft® Windows® 10 IoT Enterprise			Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise	Microsoft® Windows® 10 IoT Enterprise	
Display	7" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable		8" LED-backlight, high-brightness (850 nits) screen with capacitive touch, outdoor viewable	10.1" LED-backlight screen with capacitive touch	10.1" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	
Display Resolution	1280 x 800	1280 x 800	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
Fan/ Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Control Switch and Buttons	1 power button, 5 programmable buttons, 1 5-way tactile button	1 power button, 1 trigger button, 1 return button, 4 programmable buttons, 1 4-way tactile button	1 power button, 1 trigger button	1 power button, 3 programmable buttons, 1 RF switch		
Network Interface						
WLAN	Wi-Fi 802.11ac; 2.4GHz/5GHz dual band					
Bluetooth	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE
I/O Ports						
USB Port	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 x 1 and USB Type-C x 1
Headset Jack	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
DC-in	1	1	1	1	1	1
Ethernet	N/A	N/A	N/A	N/A	N/A	1
Smart Card/CAC Reader	N/A	N/A	N/A	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		N/A
SD Slot	1 micro SD card slot	1 micro SD card slot	1 micro SD card slot	N/A	N/A	N/A
Mechanical and Environmental						
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A	Input: 100-240V AC; Output: 12V, 5A		Input: 100 – 240V AC; Output: 19V DC, 3.42A		
Battery Pack	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)	Hot swappable battery, 3.7V, 8800mAh		Hot swappable battery, 7.2V, 6150mAh	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)	
Enclosure	ABS + PC plastics and magnesium-aluminum alloy					
Dimensions (HxWxD)	5.8 x 9.2 x 1.07 in/ 147.3 x 234 x 27.13 mm	5.4 x 8.4 x 0.94 in/ 137.3 x 214 x 24 mm	5.8 x 9.2 x 1.07 in/ 147.3 x 234 x 27.13 mm	7.8 x 11 x 0.86 in/ 198 x 280 x 21.9 mm		
Weight	2.43 lbs/ 1.1 kg	1.99 lbs/ 900 g	2.43 lbs/ 1.1 kg	2.86 lbs/ 1.3 kg	3.1 lbs/ 1.4 kg	3.1 lbs/ 1.4 kg
EMI and EMC Tolerance	N/A	N/A	N/A	MIL-STD-461F	MIL-STD-461F	MIL-STD-461F
Vibration and Shock Resistance	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G	MIL-STD-810G
Water and Dust Resistance	IP65	IP65	IP65	IP65	IP65	IP65
Regulatory	FCC Class B, CE, RoHS compliant					
Temperature	Operation: 0°C to 50°C (32°F to 122°F)		Operation: -20°C to 50°C (-4°F to 122°F)	Operation*: -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II * For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)		
	Storage: -20°C to 60°C (-4°F to 140°F)		Storage: -20°C to 60°C (-4°F to 140°F)	Storage: -55°C to 70°C (-67°F to 158°F)		
Humidity	0% – 90% non-condensing					
Major Options						
Camera	5 megapixel back camera			2 megapixel front camera, and 8 megapixel back camera		8 megapixel back camera
3D Camera	N/A	N/A	N/A	N/A	N/A	Intel® RealSense™ Depth back camera, supports distance capture for 3D scanning, environment sensing, and background segmentation applications
Barcode Scanner (2D)	N/A	2D barcode scanner; reads 1D also				
GNSS Module	U-blox M8 GNSS module					
Mobile Broadband	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS
Long Range Bluetooth	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)	N/A	N/A	Class 1 Bluetooth (1000 ft)

* Specifications subject to change without notice.

Specifications

					
Model	DT311SC	DT311T	DT313SC	DT313T	DT340T
System					
CPU	Intel® Celeron® dual-core processor	Intel® 8 th Generation Core™ i5 or i7 quad-core processor	Intel® Celeron® dual-core processor	Intel® 8 th Generation Core™ i5 or i7 quad-core processor	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz)
RAM	4GB	8GB to 16GB	4GB	8GB to 16GB	8GB to 64GB
Storage	128GB to 256GB flash	128GB to 2TB flash	128GB to 256GB flash	128GB to 2TB flash	128GB to 2TB flash
Operating System	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise		Microsoft® Windows® 10 IoT Enterprise		
Display	11.6" LED-backlight screen with capacitive touch	11.6" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	13.3" LED-backlight screen with capacitive touch		14" LED-backlight, high-brightness (1,000 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Fan/ Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Control Switch and Buttons	1 power button, 1 trigger button, 3 programmable buttons, 1 RF switch		1 power button, 1 trigger button, 3 programmable buttons		1 power button, 2 programmable buttons
Network Interface					
WLAN	Wi-Fi 802.11ac; 2.4GHz/5GHz dual band				
Bluetooth	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE
I/O Ports					
USB Port	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 x 1, USB 2.0 x 2	USB 3.0 x 1, USB 2.0 x 2	USB 3.0 x 1, USB 2.0 x 2
Headset Jack	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
DC-in	1	1	1	1	1
HDMI	N/A	N/A	1	1	1
Ethernet	1	1	1	1	1
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		N/A	N/A	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
SD Slot	1 full size SD card slot, or can be changed to 1 USB 2.0 port		N/A	N/A	1 micro-SD card slot
Mechanical and Environmental					
AC/DC Adapter	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, 6.31A
Battery Pack	Hot swappable battery, 7.2V, 6150mAh	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)	Hot swappable battery, 7.2V, 6150mAh	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)	Hot swappable battery, 11.4V, 5400mAh x 2; Hot swappable battery, 11.4V, 8000mAh x 2 (optional)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy				
Dimensions (HxWxD)	8.3 x 12.4 x 0.86 in/ 212 x 316 x 21.9 mm		10.6 x 13.2 x 0.8 in/ 270 x 335 x 21 mm		9.6 x 13.8 x 1.16 in/ 244 x 351 x 29.5mm
Weight	3.5 lbs/ 1.6 kg	3.5 lbs/ 1.6 kg	3.97 lbs/ 1.8 kg	3.97 lbs/ 1.8 kg	6.38lbs/ 2.9kg
EMI and EMC Tolerance	MIL-STD-461F	MIL-STD-461F	N/A	N/A	N/A
Vibration and Shock Resistance	MIL-STD-810G	MIL-STD-810G	N/A	N/A	MIL-STD-810G
Water and Dust Resistance	IP65	IP65	N/A	N/A	IP65
Hazard of Electromagnetic Radiation to Ordnance Testing	Yes	Yes	N/A	N/A	N/A
Regulatory	FCC Class B, CE, RoHS compliant				
Temperature	Operation* : -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501-6, Procedure II, and method 502-6, Procedure II * For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)		Operation* : -20°C – 60°C (AC mode), -20°C – 45°C (battery mode)		Operation* : -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501-6, Procedure II, and method 502-6, Procedure II * For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)
	Storage : -55°C to 70°C (-67°F to 158°F)				
Humidity	0% – 90% non-condensing				
Major Options					
Graphic Card	N/A	N/A	N/A	N/A	Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
Camera	2 megapixel front camera, and 8 megapixel back camera				N/A
Barcode Scanner (2D)	2D barcode scanner; reads 1D also				N/A
I/O Port Modules	N/A	1 RS-232 port, 6-pin lockable connector included	N/A	N/A	N/A
GNSS Module	U-blox M8 GNSS module		N/A	N/A	N/A
Mobile Broadband	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	N/A
Antenna	N/A	N/A	N/A	N/A	Dual pass through antennas integrated in the docking cradle

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