



Model	DT362GL	DT382GL	DT301XC	DT301X
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**System**

<b>CPU</b>	Intel® Pentium® Silver Quad-Core, 1.10GHz (up to 2.70GHz)	Intel® Pentium® Silver Quad-Core, 1.10GHz (up to 2.70GHz)	Intel® Celeron® 3955U, Dual-Core, 2.0GHz	Intel® 8 <sup>th</sup> Generation Core™ i5 or i7 quad-core processor
<b>RAM</b>	8GB	8GB	8GB	8GB to 16GB
<b>Storage</b>	256GB flash	256GB flash	256GB flash	256GB to 2TB flash
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise			
<b>NIST Compliance</b>	NIST compliant BIOS available			
<b>Display</b>	6" LED-backlight (350 nits) screen with capacitive touch	8" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	10.1" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	
<b>Display Resolution</b>	720 x 1440	1280 x 800	1920 x 1200	1920 x 1200
<b>Fan/ Fanless</b>	Fanless	Fanless	Fanless	Fanless
<b>Control Switch and Buttons</b>	1 power button, 2 trigger buttons	1 power button, 2 trigger buttons, 2 brightness control buttons, 4 programmable buttons	1 power button, 3 programmable buttons, 1 RF switch	
<b>Microphone</b>	N/A	N/A	Built-in microphone	Built-in microphone
<b>Speaker</b>	N/A	Built-in speaker	Built-in speaker	Built-in speaker

**Network Interface**

<b>WLAN</b>	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band	
<b>Bluetooth</b>	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE

**I/O Ports**

<b>USB Port</b>	USB Type-C x 1 (data transmitting and charging; data transmitting only available in one insertion direction)	USB 3.0 X 1, USB Type-C x 1 (data transmitting and charging)	USB 3.0 x 1 and USB Type-C x 1	USB 3.0 x 1 and USB Type-C x 1
<b>Headset Jack</b>	N/A	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
<b>DC-in</b>	N/A	N/A	1	1
<b>Ethernet</b>	N/A	N/A	1	1
<b>Smart Card/CAC Reader</b>	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	N/A	N/A	N/A
<b>SD Slot</b>	N/A	1 micro SD card slot	N/A	N/A

**Mechanical and Environmental**

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 20V DC, 3.25A	Input: 100 – 240V AC; Output: 20V DC, 3.25A	Input: 100 – 240V AC; Output: 19V DC, 3.42A	
<b>Battery Pack</b>	Hot swappable battery, 3300mAh	Hot swappable battery, 7.6V, 6000mAh Hot swappable battery, 11.4V, 5400mAh (optional) Hot swappable battery, 11.4V, 8000mAh (optional)	Hot Swappable battery, 7.2V, 6150mAh	Hot swappable battery, 11.4V, 400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)
<b>Enclosure</b>	ABS + PC plastics	ABS + PC plastics	ABS + PC plastics and magnesium-aluminum alloy	
<b>Dimensions (H x W x D)</b>	7.6 x 3.7 x 1.2 in/ 192 x 95 x 31 mm	6.1 x 9.4 x 1.3 in/ 155 x 238 x 33 mm	7.8 x 11 x 0.86 in/ 198 x 280 x 21.9 mm	7.8 x 11 x 0.86 in/ 198 x 280 x 21.9 mm
<b>Weight</b>	1.1 lbs/ 485 g	3.43 lbs/ 1.1 kg	3.1 lbs/ 1.4 kg	3.1 lbs/ 1.4 kg
<b>Durability</b>	IP65 and MIL-STD-810G certified Class 1, Division 2, Groups A, B, C and D (optional)		IP65 and MIL-STD-810G certified	
<b>Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing</b>	Yes	Yes	N/A	N/A
<b>Regulatory</b>	FCC Class B, RoHS compliant		FCC Class B, CE, RoHS compliant	
<b>Temperature</b>	Operation: -10°C to 50°C (14°F to 122°F)  Storage: -20°C to 60°C (-4°F to 140°F)	Operation: -10°C to 50°C (14°F to 122°F)	Operation: -20°C – 45°C (-4°F – 113°F, AC mode), 0°C – 45°C (32°F – 113°F, 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 – 70°C (-67°F to 158°F)
<b>Humidity</b>	0% – 90% non-condensing			

**Major Options**

<b>Camera</b>	8 megapixel back camera	8 megapixel back camera	8 megapixel back camera	8 megapixel back camera
<b>3D Camera</b>	N/A	N/A	N/A	Intel® RealSense™ Depth back camera, supports distance capture for 3D scanning, environment sensing, and background segmentation applications
<b>Barcode Scanner (2D)</b>	2D barcode scanner; reads 1D also		2D barcode scanner; reads 1D also	
<b>GNSS Module</b>	U-blox M8 GNSS module		U-blox M8 GNSS module	
<b>NFC/RFID READER</b>	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1		N/A	N/A
<b>UHF RFID READER</b>	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; reach 16 feet (4.87m) read distance with integrated ThingMagic micro module and embedded antenna; reach 30 feet (9.1m) with the trigger grip antenna	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 feet (4.87m) read distance	N/A	N/A
<b>Mobile Broadband</b>	N/A	N/A	4G LTE/AWS	4G LTE/AWS
<b>Long Range Bluetooth</b>	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)

\* Specifications subject to change without notice.

# Rugged Tablets



Model	DT301Y	DT311T	DT311Y	DT313Y	DT340T
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## System

<b>CPU</b>	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz)	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz)
<b>RAM</b>	8GB to 32GB	8GB to 16GB	8GB to 32GB	8GB to 32GB	8GB to 64GB
<b>Storage</b>	256GB to 2TB Flash	256GB to 2TB flash	256GB to 2TB Flash	256GB to 2TB flash	256GB to 2TB flash
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise				
<b>NIST Compliance</b>	NIST compliant BIOS available				
<b>Display</b>	10.1" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable	11.6" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	11.6" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable	13.3" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable	14" LED-backlight, high-brightness (1,000 nits) screen with capacitive touch, outdoor viewable
<b>Display Resolution</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
<b>Fan/ Fanless</b>	Fanless	Fanless	Fanless	Fanless	Fanless
<b>Control Switch and Buttons</b>	1 power button, 2 brightness control buttons, 5 programmable buttons	1 power button, 1 trigger button, 3 programmable buttons, 1 RF switch	1 power button, 2 brightness control buttons, 5 programmable buttons	1 power button, 2 brightness control buttons, 5 programmable buttons	1 power button, 2 programmable buttons
<b>Microphone</b>	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone
<b>Speaker</b>	Built-in speaker	Built-in speaker	Built-in speaker	Built-in speaker	Built-in speaker

## Network Interface

<b>WLAN</b>	Wi-Fi 802.11ac; 2.4GHz/5GHz dual band				
<b>Bluetooth</b>	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE

## I/O Ports

<b>USB Port</b>	USB 3.0 x 1, USB Type C x 1 (data transmitting and charging)	1 USB 3.0 and 1 USB 2.0, or can be changed to 1 USB 3.0 and 1 full size SD card slot	USB 2.0 x 1, USB 3.0 x 1, USB Type C x 1 (data transmitting and charging)	USB 3.0 x 3, USB Type C x 1 (data transmitting and charging)	USB 3.0 x 1, USB 2.0 x 2
<b>Headset Jack</b>	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
<b>DC-in</b>	N/A	1	N/A	N/A	1
<b>HDMI</b>	N/A	N/A	N/A	N/A	1
<b>Ethernet</b>	1	1	1	1	1
<b>Smart Card/CAC Reader</b>	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card				

## Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 20V DC, 3.25A	Input: 100-240V AC; Output: 19V DC, 3.42A	Input: 100-240V AC; Output: 20V DC, 3.25A		Input: 100-240V AC; Output: 19V DC, 6.31A
<b>Battery Pack</b>	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)		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)
<b>Enclosure</b>	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating	ABS + PC plastics and magnesium-aluminum alloy	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating	ABS + PC plastics and magnesium-aluminum alloy	
<b>Dimensions (H x W x D)</b>	7.8 x 11 x 0.86 in/ 198 x 280 x 21.9 mm	8.3 x 12.4 x 0.86 in/ 212 x 316 x 21.9 mm	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 14.8 x 1.16 in/ 244 x 376 x 29.5 mm
<b>Weight</b>	3.1 lbs/ 1.4 kg	3.5 lbs/ 1.6 kg	3.5 lbs/ 1.6 kg	3.97 lbs/ 1.8 kg	6.38lbs/ 2.9kg
<b>Durability</b>	IP65, MIL-STD-810G and MIL-STD-461F certified			IP65 and MIL-STD-810G certified	IP65 and MIL-STD-810G certified
<b>Hazard of Electromagnetic Radiation to Ordnance Testing</b>	Yes	Yes	Yes	N/A	N/A
<b>Regulatory</b>	FCC Class B, CE, RoHS compliant				
<b>Temperature</b>	Operation*: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) * 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 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*: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) * 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 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)
<b>Humidity</b>	Storage: -55°C to 70°C (-67°F to 158°F) 0% – 90% non-condensing				

## Major Options

<b>Graphic Card</b>	N/A	N/A	N/A	N/A	Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
<b>Camera</b>	2 megapixel front camera, and 8 megapixel back camera				
<b>Barcode Scanner (2D)</b>	2D barcode scanner; reads 1D also				
<b>Long Range Bluetooth</b>	Class 1 Bluetooth (1000 ft)	N/A	Class 1 Bluetooth (1000 ft)	N/A	N/A
<b>UHF RFID Reader</b>	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C. 16 feet (4.87m) in read distance	N/A	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C. 30 feet (9.14m) in read distance	N/A	N/A
<b>GNSS Module</b>	U-blox M8 GNSS module				
<b>Mobile Broadband</b>	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS
<b>Antenna</b>	N/A	N/A	N/A	N/A	Dual pass through antennas integrated in the docking cradle

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