



Model	DT362GL	DT382GL	DT381RP	DT301Y
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System

CPU	Intel® Pentium® Silver 4-Core, 1.1 GHz (up to 2.7 GHz)		Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1355U, 10-Core, up to 5 GHz	Intel® Pentium® Gold 7505, 2-Core, up to 3.5 GHz
RAM	8GB	8GB	16GB	8GB to 32GB
Storage	256GB flash	256GB flash	256GB to 1T SSD	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise		Microsoft® Windows® 10/11 IoT Enterprise Enterprise	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available		NIST Compliant BIOS Available	
Display	6" LED-backlight (350 nits) screen with capacitive touch	8" LED-Backlit, High-Brightness (800 nits) Touchscreen	8" LED-Backlit, High-Brightness (800 nits) Touchscreen	10.1" LED-Backlit, High-Brightness (800 nits) Touchscreen
Display Resolution	720 x 1440	1280 x 800	1280 x 800	1920 x 1200
Fan/Fanless	Fanless	Fanless	Fanless	Fanless
Switches & Buttons	1 x Power Button, 2 x Trigger Buttons	1 x Power Button, 2 x Trigger Buttons, 2 x Brightness Buttons, 4 x Programmable Buttons	1 x Power Button, 2 x Brightness Buttons, 4 Programmable Buttons	1 x Power Button, 2 x Brightness Buttons, 5 x Programmable Buttons
Microphone	N/A	N/A	N/A	Built-In Microphone
Speaker	N/A	Built-In Speaker	Built-In Speaker	Built-In Speaker

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4/5 GHz Dual Band		Wi-Fi 802.11ax, 2.4/5 GHz Dual Band	
BT	4.2 LE	4.2 LE	5.2	5.2

I/O Ports

USB Port	1 x USB Type-C (data transmitting and charging; data transmitting only available in one insertion direction)	1 x USB 3.0, 1 x USB Type-C (data transmitting and charging)	1 x USB 3.2 Gen 1 Type A, 1 x USB Type C	1 x USB 3.0, 1 x USB Type-C
Headset Jack	N/A	1 (3.5 mm)	1 (3.5 mm)	1 (3.5 mm)
DC-In	N/A	N/A	1	1
Ethernet	N/A	N/A	1 (Ethernet 10/100/1000MB Base-T LAN)	1
SD Slot	N/A	1 x Micro SD Card Slot	1 x Micro SD Card Slot	N/A
Smart Card/CAC Reader	Full Slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V Smart Card	N/A	Full Slot (reads ISO 7816 T=0, T=1); 1.8/3/5V Smart Card	

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3.25A		Input: 100-240V AC; Output: 19V DC, 3.25A	Input: 100-240V AC; Output: 19V DC, 3.42A
Battery Pack	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 (7.6V, 6000mAh) Optional: Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh)	Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh) (Optional)
Enclosure	ABS + PC Plastic		ABS + PC Plastic	ABS + PC Plastic and Magnesium-Aluminum Alloy
Dimensions (H x W x D)	7.6 x 3.7 x 1.2 in/192 x 95 x 31 mm	5.8 x 9.2 x 1.1 in/147.3 x 234 x 27.7 mm	5.8 x 9.2 x 1.0 in/147.3 x 234 x 25.5 mm	7.8 x 11 x 0.86 in/198 x 280 x 21.9 mm
Weight	1.1 lbs/485 g	3.43 lbs/1.1 kg	2.65 lbs/1.2 kg	3.1 lbs/1.4 kg
Durability	IP65 and MIL-STD-810H Certified, Class 1, Division 2, Groups A, B, C and D (Optional)	IP65 and MIL-STD-810H Certified	IP65 and MIL-STD-810H Certified	IP65, MIL-STD-810H and MIL-STD-461F Certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes	Yes	Yes
Regulatory	FCC Class B, RoHS Compliant		FCC Class B, CE, RoHS Compliant	
Temperature	Operation: -10°C to 50°C (14°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)		Operation: AC Mode: -20°C to 45°C (-4°F to 113°F) Battery Mode: 0°C to 40°C (32°F to 104°F) Optional Wider Operating Temperature Range: -30°C to 40°C (-22°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°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 Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% - 90% Non-Condensing			

Major Options

Camera	8MP Back Camera		8 MP Front and Back Cameras w/ Auto Focus, White Balance, Gain Control, and Exposure Control	2MP Front Camera & 8MP Back Camera
Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)		N/A	2D Barcode Scanner (Reads 1D & 2D)
GNSS Module	GPS Module		GPS Module	
NFC/RFID Reader	HF 13.56 MHz, ISO 15693, 14443A(B), 18000-3 Mode 1		N/A	N/A
UHF RFID Reader	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; Reading Distance of 16 ft (4.87 m) with Integrated ThingMagic Micro Module & Embedded Antenna; Reading Range of 30 ft (9.1 m) with Trigger Grip Antenna	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87 m) Reading Distance	N/A	865 – 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) Reading Distance
Mobile Broadband	N/A	N/A	4G LTE/AWS	4G LTE/AWS
Long-Range BT	Class 1 BT (1000 ft)	Class 1 BT (1000 ft)	Class 1 BT (1000 ft)	Class 1 BT (1000 ft)

* Specifications subject to change without notice.

Rugged Tablets



Model	DT302P	DT301YR	DT311YR	DT313YR	DT340T
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System

CPU	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ U300, 5-Core, up to 4.4 GHz		Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz		Intel® Core™ i5-1340P, 12-Core, up to 4.6 GHz Intel® Core™ i7-1370P, 14-Core, up to 5.2 GHz
RAM	8GB to 32GB		8GB to 32GB		64GB
GPU	N/A		N/A		(Optional: RTX A1000)
Storage	64GB to 1TB Flash		256GB to 2TB Flash		256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise		Microsoft® Windows® 10/11 IoT Enterprise		Microsoft® Windows® 10/11 IoT Enterprise, 64bit or Ubuntu
NIST Compliance	NIST Compliant BIOS Available				
Display	10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen LCD	10.1" LED-Backlit, High-Brightness (800 nits) Touchscreen	11.6" LED-Backlit, High-Brightness (1000 nits) Touchscreen	13.3" LED-Backlit, High-Brightness (1000 nits) Touchscreen	14" LED-backlit, High-Brightness (1,000 nits) Touchscreen with Multi-Touch
Display Resolution	1920 x 1200	1920 x 1200	1920 x 1080	1920 x 1080	1920 x 1080
Fan/Fanless	Fanless				
Switches & Buttons	1 x Power Button, 2 x Brightness Buttons, 5 x Programmable Buttons	1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons			1 x Power Button, 2 x Programmable Buttons
Microphone	Built-In Microphone	Built-In Microphone			Built-In Microphone with DSP for Real-Time Video Streaming
Speaker	Built-In Speaker				

Network Interface

WLAN	Wi-Fi 802.11ax 2.4/5/6 Ghz three band	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band	Wi-Fi 802.11ax 2.4/5/6 Ghz three band
BT	5.2		

I/O Ports

USB Port	1 x USB 3.0, 1 x USB Type-C (Data transmission & Power Charging)	1 x USB 3.0, 1 x USB Type-C	1 x USB 3.0, 2 x USB 2.0
Headset Jack	1 (3.5 mm)	1 (3.5 mm)	1 (3.5 mm)
DC-In	1	1	1
Ethernet	1 x Ethernet 10/100/1000MB Base-T LAN		
SD Slot	N/A		
Smart Card/CAC Reader	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

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: 20V DC, 3.25A	Input: 100-240V AC; Output: 20V DC, 3.25A	Input: 100-240V AC; Output: 19V 65W for w/o GPU SKU and 19V 230W for A1000 SKU
Battery Pack	Hot-Swappable Battery (11.4V, 3900mAh) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery, (11.4V, 8000mAh)	Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh)(Optional)			Input: 100-240V AC; Output: 19V 65W for w/o GPU SKU and 19V 230W for A1000 SKU
Enclosure	ABS + PC Plastic and Magnesium-Aluminum Alloy				
Dimensions (H x W x D)	7.7 x 10.71 x 0.79 in/195.6 x 272 x 20 mm	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	10.1 x 13.2 x 0.8 in/256 x 335 x 21 mm	9.6 x 14.8 x 1.16 in/244 x 376 x 29.5 mm
Weight	3 lbs/1.32 kg	3.1 lbs/1.4 kg	3.5 lbs/1.6 kg	3.97 lbs/1.8 kg	6.38 lbs/2.9 kg
Durability	IP65 and MIL-STD-810G Certified	IP65, MIL-STD-810H and MIL-STD-461F Certified			IP65, MIL-STD-810H and MIL-STD-461F Certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes	Yes	Yes	Yes
Regulatory	CE, FCC Class B, RoHS, UL	FCC Class B, RoHS Compliant			FCC Class B, RoHS Compliant
Temperature	Operation: -10°C ~ 60°C (14°F ~ 140°F); Storage: -55°C ~ 70°C (-67°F ~ 158°F)	Operation*: -10°C ~ 60°C (14°F ~ 140°F) Optional -30°C ~ 60°C (-22°F ~ 140°F) Storage: -55°C ~ 70°C (-67°F ~ 158°F)			Operation*: -20°C ~ 60°C (-4°F ~ 140°F); tested under MIL-STD-810H method 501.7, Procedure II, and method 502.7, Procedure II *For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C ~ 45°C (14°F ~ 113°F) Storage: -55°C ~ 70°C (-67°F ~ 158°F)
Humidity	0% - 90% Non-Condensing				

Major Options

Camera	5 MP Front Camera & 8 MP Back Camera	2MP Front Camera & 8MP Back Camera	8M Back Camera with Flash
Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)	2D Barcode Scanner (Reads 1D & 2D)	N/A
GNSS Module		GPS Module	
UHF RFID Reader	N/A	865 – 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) Reading Distance	N/A
Mobile Broadband		4G LTE/AWS	
Long-Range BT	N/A	Class 1 BT (1000 ft)	N/A
ANTENNA	N/A	N/A	Dual pass through antennas integrated in the docking cradle
GPU	N/A	N/A	NVIDIA RTX A1000 graphics card

* Specifications subject to change without notice.

