



Model	DT362GL	DT362D	DT382DN
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System

CPU	Intel® Pentium® Silver 4-core, 1.1 GHz (up to 2.7 GHz)	DT362DN: Intel® N200, 4-core (up to 3.70 GHz) DT362DH: Intel® Core™ i3-N300, 8-core (up to 3.80 GHz)	Intel® N200, 4-core (up to 3.70 GHz)
RAM	8GB	16GB	16GB
Storage	256GB flash	512GB	512GB
Operating System	Microsoft® Windows® 10/11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available		
Display	6" LED-backlit (350 nits) capacitive touchscreen	6" LED-backlit (850 nits) touchscreen	8" LED-backlit, high-brightness (800 nits) touchscreen
Display Resolution	720 x 1440	2160 x 1080 (2K)	1280 x 800
Fan/Fanless	Fanless	Fanless	Fanless
Switches and Buttons	1 x power button, 2 x trigger 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
Microphone	Built-in microphone	Built-in microphone	Built-in microphone
Speaker	Built-in speaker	Built-in speaker	Built-in speaker
Trusted Platform Module	fTPM 2.0	fTPM 2.0	fTPM 2.0

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4/5 GHz dual band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.3	5.3	5.3

I/O Ports

USB Port	1 x latest USB/charging	1 x latest USB/charging	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	N/A	N/A	1 (3.5 mm)
DC-In	N/A	N/A	1
Ethernet	N/A	N/A	N/A
SD Slot	N/A	DT362DN: 1 x microSD card slot DT362DH: N/A	1 x microSD card slot
Smart Card/CAC Reader	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	Half-slot (reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V smart card (optional))
SIM Card Slot	N/A	N/A	1 x Nano SIM slot

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 20V DC, 3.25A	Input: 100 to 240V AC; Output: 20V DC, 3.25A	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot-swappable battery (3300mAh)	Hot-swappable battery (3100mAh)	60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)
Enclosure	ABS + PC plastic		
Dimensions (H x W x D)	7.6 x 3.7 x 1.2 in/192 x 95 x 31 mm	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
Weight	1.1 lbs/485 g	1.1 lbs/485 g	2.43 lbs/1.1 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified, Class 1, Division 2, Groups A, B, C and D (optional)	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes	Yes
Regulatory	FCC Class B, RoHS compliant	FCC Class B, RoHS compliant	FCC Class B, RoHS compliant
Temperature	Operation: -10°C to 50°C (14°F to 122°F); Storage: -50°C to 70°C (-58°F to 158°F)		
Humidity	0% to 90% Non-condensing		

Major Options

Camera	8 MP back camera	5 MP front USB camera and 8 MP back USB camera	8 MP back camera with auto focus, white balance, gain control, and exposure control
Long Range Barcode Scanner	Read range of 4 in (10cm) to 66 ft. (20.11m)	Read range of 4 in (10cm) to 66 ft. (20.11m)	Read range of 4 in (10cm) to 66 ft. (20.11m)
Barcode Scanner	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)
GNSS Module	GPS		
NFC/RFID Reader	HF 13.56 MHz, ISO 15693, 14443A(B), 18000-3 mode 1		
UHF RFID Reader	865 to 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; reading distance of 16 ft (4.87 m) with integrated ThingMagic micro module and embedded antenna; reading range of 30 ft (9.1 m) with trigger grip antenna		865 to 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) reading distance
Long Range BT	Class 1 BT (1000 ft)	N/A	Class 1 BT (1000 ft)
Mobile Broadband	N/A	N/A	4G LTE/AWS

* Specifications subject to change without notice.



Model	DT382WN	DT382WH
System		
CPU	Intel® N250, 4-core (up to 3.80 GHz)	Intel® Core™ N350, 8-core (up to 3.90 GHz)
RAM	16GB	16GB
Storage	512GB to 1TB	512GB to 1TB
Operating System	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available	NIST compliant BIOS available
Display	8" LED-backlit, high-brightness (800 nits) touchscreen	8" LED-backlit, high-brightness (800 nits) touchscreen
Display Resolution	1280 x 800	1280 x 800
Trusted Platform Module	fTPM 2.0	fTPM 2.0
Fan/Fanless	Fanless	Fanless
Switches and Buttons	1 X power button, 2 x brightness buttons, 4 X programmable buttons	1 X power button, 2 x brightness buttons, 4 X programmable buttons
Speaker	Built-in speaker	Built-in speaker
Network Interface		
WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.3	5.3

I/O Ports

USB Ports	1 x USB 3.0, 1 x latest USB/charging (for data transmitting and charging)	1 x USB 3.0, 1 x latest USB/charging (for data transmitting and charging)
Headset Jack	1 (3.5 mm)	1 (3.5 mm)
microSD Slot	1 x microSD card slot	1 x microSD card slot
SIM Card Slot	1 x Nano SIM slot	1 x Nano SIM slot
Dc-in	1	1
SD Slot (optional)	1 x SD slot	1 x SD slot

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)
Enclosure	ABS + PC plastic	ABS + PC plastic
Dimensions (H x W x D)	5.8 x 9.2 x 1.1 in/147.3 x 234 x 27.7 mm	5.8 x 9.2 x 1.1 in/147.3 x 234 x 27.7 mm
Weight	2.43 lbs/1.1 kg	2.43 lbs/1.1 kg
Durability	IP65	IP65
Regulatory	FCC Class B, IC, CE, RCM, RoHS compliant	FCC Class B, IC, CE, RCM, RoHS compliant
Temperature	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) Storage: -50°C to 70°C (-58°F to 158°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) Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% Non-condensing	0% to 90% Non-condensing

Major Options

Barcode Scanner	2D barcode scanner (reads 1D and 2D) Long range 2D barcode scanner (up to 60 ft)	2D barcode scanner (reads 1D and 2D) Long range 2D barcode scanner (up to 60 ft)
Camera	8 MP back camera with auto focus, white balance, gain control and exposure control	8 MP back camera with auto focus, white balance, gain control and exposure control
NFC/RFID Reader	HF 13.56 MHz, ISO 15693, 14443A(B) and 18000-3 mode 1	HF 13.56 MHz, ISO 15693, 14443A(B) and 18000-3 mode 1
UHF RFID Reader	865 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) reading distance	865 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) reading distance
GNSS Module	GPS	GPS
Long Range BT	Class 1 BT (1000 ft)	Class 1 BT (1000 ft)
Mobile Broadband	4G LTE/AWS	4G LTE/AWS
Smart Card/CAC Reader	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

* Specifications subject to change without notice.



Model	DT381RP	DT340T
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System

CPU	Intel® Core™ i5-1335U, 10-core, up to 4.6 GHz Intel® Core™ i7-1355U, 10-core, up to 5 GHz	Intel® Core™ i5-1340P, 12-core, up to 4.6 GHz Intel® Core™ i7-1370P, 14-core, up to 5.2 GHz
RAM	16GB	8GB to 64GB
GPU	N/A	NVIDIA RTX A1000 or RTX A2000 graphics card
Storage	512GB to 1TB SSD	512GB to 2TB flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise	Microsoft® Windows® 10/11 IoT Enterprise, 64bit or Ubuntu
NIST Compliance	NIST compliant BIOS available	
Display	8" LED-backlit, high-brightness (800 nits) touchscreen	14" LED-backlit, high-brightness (1,000 nits) touchscreen with Multi-Touch
Display Resolution	1280 x 800	1920 x 1080
Fan/Fanless	Fanless	Fanless
Switches and Buttons	1 x power button, 2 x brightness buttons, 4 programmable buttons	1 x power button, 2 x programmable buttons
Microphone	N/A	Built-in microphone with DSP for real-time video streaming
Speaker	Built-in speaker	Built-in speaker

Network Interface

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

I/O Ports

USB Port	1 x USB 3.2 Gen 1 Type A, 1 x latest USB/charging	1 x USB 3.0, 2 x USB 2.0
Headset Jack	1 (3.5 mm)	1 (3.5 mm)
DC-In	1	1
Ethernet	1 x Ethernet 10/100/1000MB Base-T LAN	1 x Ethernet 10/100/1000MB Base-T LAN
SD Slot	1 x microSD card slot	N/A
Smart Card/CAC Reader	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
SIM Card slot	N/A	

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.25A	Input: 100 to 240V AC; Output: 19V 65W for w/o GPU SKU and 19V 120W for A1000 SKU
Battery Pack	45W Hot-swappable battery (7.6V, 6000mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)	60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)
Enclosure	ABS + PC plastic	ABS + PC plastic and magnesium-aluminum alloy
Dimensions (H x W x D)	5.8 x 9.2 x 1.0 in/147.3 x 234 x 25.5 mm	9.6 x 14.8 x 1.16 in/244 x 376 x 29.5 mm
Weight	2.65 lbs/1.2 kg	6.38 lbs/2.9 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H and MIL-STD-461G certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes
Regulatory	FCC Class B, CE, RoHS, Energy Star 8.0 compliant	FCC Class B, CE, RoHS, Energy Star 8.0 compliant
Temperature	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)	Operation*: -20°C to 60°C (-4°F to 140°F); tested under MIL-STD-810H method 501.7, Procedure II, and method 502.7, Procedure II *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F)
	Storage: -50°C to 70°C (-58°F to 158°F)	Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% Non-condensing	

Major Options

Camera	8 MP front and back cameras w/ auto focus, white balance, gain control, and exposure control	8 MP back camera with flash
Long Range Barcode Scanner	N/A	N/A
Barcode Scanner	N/A	N/A
GNSS	GPS	
NFC/RFID Reader	N/A	N/A
UHF RFID Reader	N/A	N/A
Mobile Broadband	4G LTE/AWS	4G LTE/AWS
Long Range BT	Class 1 BT (1000 ft)	N/A
ANTENNA	N/A	Dual pass through antennas integrated in the docking cradle
GPU	N/A	Integrated graphics card, NVIDIA RTX A1000 or RTX A2000

* Specifications subject to change without notice.



Model	DT302PA	DT312PA	DT323PA
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System

CPU	Intel® Core™ Ultra 5 processor 225U, 12 core (up to 4.80 GHz) Intel® Core™ Ultra 7 processor 255U, 12 core (up to 5.20 GHz)	Intel® Core™ Ultra 5 processor 225U, 12 core (up to 4.80 GHz) Intel® Core™ Ultra 7 processor 255U, 12 core (up to 5.20 GHz)	Intel® Core™ Ultra 5 processor 225U, 12 core (up to 4.80 GHz) Intel® Core™ Ultra 7 processor 255U, 12 core (up to 5.20 GHz)
RAM	16G to 32G LPDDR5	16G to 32G LPDDR5	16G to 32G LPDDR5
Storage	512GB to 4TB *Support quick access SSD function to easily replace the SSD without opening the back cover	512GB to 4TB *Support quick access SSD function to easily replace the SSD without opening the back cover	512GB to 4TB *Support quick access SSD function to easily replace the SSD without opening the back cover
Operating System	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available		NIST compliant BIOS available
Display	10.1" LED-backlit, sunlight-readable (1000 nits) touchscreen	11.6" LED-backlit, sunlight-readable (1000 nits) touchscreen	13.3" LED-backlit, sunlight-readable (1000 nits) touchscreen
Display Resolution	1920 x 1200	1920 x 1080	1920 x 1080
Fan/Fanless	Fanless	Fanless	Fanless
Switches and 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 brightness buttons; 5 x programmable buttons
Microphone	Built-in microphone	Built-in microphone with DSP for real-time video streaming	Built-in microphone
Speaker	Built-in 2W speaker	Built-in speaker	Built-in speaker
Camera	5 MP front camera and 13 MP back camera (optional)	5 MP front camera and 13 MP back camera (optional)	5 MP front camera and 13 MP back camera (optional)

Network Interface

WLAN	Wi-Fi 802.11ax 2.4/5/6 GHz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.3	5.3	5.3

I/O Ports

USB Port	1 x USB3.2 (Type-A), 1 x USB3.2 latest USB/charging	1 x USB3.2 (Type-A), 1 x USB3.2 latest USB/charging	1 x USB 3.0, 1 x latest USB/charging
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	1 x Ethernet 10/100/1000MB Base-T LAN	1 x Ethernet 10/100/1000MB Base-T LAN
24-pin Fischer Minimax Connector (optional)	1 x USB2.0, COM port, RJ45, Power 5A (in), and Power 2A (out) (optional)	1 x USB2.0, COM port, RJ45, Power 5A (in), and Power 2A (out) (optional)	N/A

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A (65W)	Input: 100 to 240V AC; Output: 19V DC, 3.42A (65W)	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating	ABS + PC plastic and magnesium-aluminum alloy	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	8.3 x 12.4 x 0.78 in/212 x 316 x 20 mm	12.8 x 10.7 x 0.8 in/325 x 273.5 x 20 mm
Weight	3 lbs/1.32 kg	3.43 lbs/1.55 kg	3.81 lbs/1.72 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes	Yes
Regulatory	CE, FCC Class B, IC, CB, RCM, IEC 60601-1, IEC62680, EPEAT, Energy star 8.0	CE, FCC Class B, IC, CB, RCM, IEC 60601-1, IEC62680, EPEAT, Energy star 8.0	FCC Class B, CE, RoHS compliant
Temperature	Operation*: -10°C to 60°C (14°F to 140°F)	Operation*: -10°C to 60°C (14°F to 140°F)	Operation*: -10°C to 60°C (14°F to 140°F)
	Storage: -50°C to 70°C (-58°F to 158°F)	Storage: -50°C to 70°C (-58°F to 158°F)	Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% Non-condensing	0% to 90% Non-condensing	0% to 90% Non-condensing

Major Options

Camera	5 MP front camera and 13 MP back camera	5 MP front camera and 13 MP back camera	5 MP front camera and 8 MP back camera
Barcode Scanner	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)
GNSS	GPS	GPS	GPS
Mobile Broadband	4G LTE/5G	4G LTE/5G	4G LTE/5G
Smart Card/CAC Reader	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card

* Specifications subject to change without notice.



Model	DT302RP	DT312RP	DT323RP
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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™ i5-1335U, 10-core, up to 4.6 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™ i7-1355U, 10-core, up to 5.0 GHz
RAM	8GB to 32GB	8GB	8GB
Storage	512GB to 2TB flash *Support quick access SSD function to easily replace the SSD without opening the back cover	512GB to 2TB flash *Support quick access SSD function to easily replace the SSD without opening the back cover	512GB to 2TB flash *Support quick access SSD function to easily replace the SSD without opening the back cover
Operating System	Microsoft® Windows® 10/11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available		NIST compliant BIOS available
Display	10.1" LED-backlit, sunlight-readable (800 nits) touchscreen LCD	11.6" LED-backlit, sunlight-readable (1000 nits) touchscreen	13.3" LED-backlit, sunlight-readable (1000 nits) touchscreen
Display Resolution	1920 x 1200	1920 x 1200	1920 x 1080
Fan/Fanless	Fanless	Fanless	Fanless
Switches and 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 brightness buttons; 5 x programmable buttons
Microphone	Built-in microphone	Built-in microphone with DSP for real-time video streaming	Built-in microphone
Speaker	Built-in speaker	Built-in speaker	Built-in speaker
Camera	5 MP front camera and 8 MP back camera (options)	5 MP front camera and 8 MP back camera (options)	5 MP front camera and 8 MP back camera (options)

Network Interface

WLAN	Wi-Fi 802.11ax 2.4/5/6 Ghz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.2	5.2	5.3

I/O Ports

USB Port	1 x USB 3.0, 1 x latest USB/charging	1 x USB 3.0, 1 x latest USB/charging	1 x USB 3.0, 1 x latest USB/charging
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	1 x Ethernet 10/100/1000MB Base-T LAN	1 x Ethernet 10/100/1000MB Base-T LAN
SD Slot	1 x microSD card slot	N/A	N/A

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A	Input: 100 to 240V AC; Output: 19V DC, 3.42A	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastic and magnesium-aluminum alloy	ABS + PC plastic and magnesium-aluminum alloy	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	8.3 x 12.4 x 0.78 in/212 x 316 x 20 mm	12.8 x 10.7 x 0.8 in/325 x 273.5 x 20 mm
Weight	3 lbs/1.32 kg	3.43 lbs/1.55 kg	3.81 lbs/1.72 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes	Yes
Regulatory	CE, FCC Class B, RoHS, Energy Star 8.0 compliant	FCC Class B, CE, RoHS compliant	FCC Class B, CE, RoHS compliant
Temperature	Operation: -10°C to 60°C (14°F to 140°F); *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F) *When use DT302 with AC power adapter, to comply with safety regulation, the recommended usage temperature is from 0°C to 40°C	Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) with a built-in heating element. *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F)	Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) with a built-in heating element. *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F)
	Storage: -50°C to 70°C (-58°F to 158°F)	Storage: -50°C to 70°C (-58°F to 158°F)	Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% to 90% Non-condensing	0% to 90% Non-condensing	0% to 90% Non-condensing

Major Options

Camera	5 MP front camera and 8 MP back camera	5 MP front camera and 8 MP back camera	5 MP front camera and 8 MP back camera
Barcode Scanner	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)	2D barcode scanner (reads 1D and 2D)
GNSS	U-blox M9N GNSS module	U-blox M9N GNSS module	GPS module with concurrent reception of GPS and GLONASS; Industry leading - 167dBm navigation sensitivity
Mobile Broadband	4G LTE/5G	4G LTE	4G LTE/5G
Smart Card/CAC Reader	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card

* Specifications subject to change without notice.

Rugged Tablets



Model	DT301YR	DT311YR
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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	
RAM	8GB to 32GB	
Storage	512GB to 2TB flash	512GB to 2TB flash *Support quick access SSD function to easily replace the SSD without opening the back cover
Operating System	Microsoft® Windows® 10/11 IoT Enterprise	
NIST Compliance	NIST compliant BIOS available	
Display	10.1" LED-backlit, high-brightness (1000 nits) touchscreen	11.6" LED-backlit, high-brightness (1000 nits) touchscreen
Display Resolution	1920 x 1200	1920 x 1080
Fan/Fanless	Fanless	
Switches and Buttons	1 x power button; 2 x brightness buttons; 5 x programmable buttons	
Microphone	Built-in microphone	
Speaker	Built-in speaker	

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5 GHz dual band
BT	5.2

I/O Ports

USB Port	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	1 (3.5 mm)
DC-In	1
Ethernet	1 x Ethernet 10/100/1000MB Base-T LAN
Smart card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A	Input: 100 to 240V AC; Output: 20V DC, 3.25A
Battery Pack	60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery (11.4V, 8000mAh)	
Enclosure	ABS + PC plastic and magnesium-aluminum alloy	
Dimensions (H x W x D)	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
Weight	3.1 lbs/1.4 kg	3.5 lbs/1.6 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified	
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes	Yes
Regulatory	FCC Class B, CE, RoHS, Energy Star 8.0 compliant	
Temperature	Operation: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) with a built-in heating element. *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C to 50°C (32°F to 122°F) Storage: -50°C to 70°C (-58°F to 158°F)	
Humidity	0% to 90% Non-condensing	

Major Options

Camera	2 MP front camera and 8 MP back camera
Barcode Scanner	2D barcode scanner (reads 1D and 2D)
GNSS	GPS
UHF RFID Reader	865 to 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) reading distance
Mobile Broadband	4G LTE/AWS
Long Range BT	Class 1 BT (1000 ft)

* Specifications subject to change without notice.



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