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**System**

CPU	Intel® Core™ i7-10510Y, Quad-core, 1.2GHz (up to 4.5GHz)	Intel® Core™ i7-1250U, 10-core (up to 4.70 GHz)
RAM	512GB flash with 16GB RAM	512GB or 1TB removable SSD with 16GB RAM
Operating System	Microsoft® Windows® 10/11 IoT Enterprise	Microsoft® Windows® 10/11 IoT Enterprise
Display	6" LED-backlight screen with capacitive multi-touch	6" high-brightness 850 nits touchscreen
NIST Compliance	NIST compliant BIOS available	NIST compliant BIOS available
Display Resolution	1440 x 720	1440 x 720
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	N/A
Buttons	1 x power button, 1 x push-to-talk button, 2 x brightness control buttons, 4 x programmable buttons	1 x power button; 1 x day/night vision switch; 2 x push-to-talk buttons; 2 x brightness touch button; 2 x programmable touch buttons
Microphone	2	1
Speaker	Built-in speaker	Built-in speaker

**Network Interface**

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

**I/O Ports**

USB Port	1 x USB 3.0, 1 x Latest USB/charging	1 x latest USB/charging, 1 x USB-A
Headset Jack	N/A	N/A
DC-in Jack	N/A	N/A
Ethernet	Ethernet 10/100/1000 MB Base-T LAN	Ethernet 10/100/1000 MB Base-T LAN

**Mechanical and Environmental**

AC/DC Adapter	Input: 100 to 240V AC; Output: 15V DC, 3A	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	23W Hot-swappable battery (7.6V, 3100mAh)	23W Hot-swappable battery (7.6V, 3100mAh)
Enclosure	ABS + PC plastic and magnesium-aluminum alloy	ABS + PC plastic and magnesium-aluminum alloy
Dimensions (H x W x D)	3.7 x 7.6 x 1.3 in/95 x 193 x 32 mm	3.7 x 7.6 x 1.3 in/95 x 193 x 32 mm
Weight	1 lb/454 g	1 lb/454 g
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified	IP65, MIL-STD-810H and MIL-STD-461G certified
Regulatory	FCC Class B, CE, RoHS compliant	FCC Class B, CE, RoHS compliant
Temperature	Operation: 0°C to 50°C (32°F to 122°F) Storage: -50°C to 70°C (-58°F to 158°F)	Operation: 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**

Night Vision Screen	Luminance	Option 1: Daylight mode: 800 nits; NVIS mode: 0 to 20 nits. MIL-STD-3009 Class B compliant, providing clear readability of display with the naked eye in dark environments, does not interfere with NVGs. Option 2: Daylight mode: 800 nits; NVIS mode: 0 to 0.7 nits. MIL-STD-3009 Class B compliant, providing clear readability of display with NVGs in dark environments.
Camera	N/A	5 MP front camera and 8 MP back camera

\* Specifications subject to change without notice.



Model	DT362WF	DT381DF
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**System**

CPU	Intel® Core™ i3-N305, Octa-core (up to 3.8 GHz)	Intel® Core™ i3-N305, Octa-core (up to 3.8 GHz)
Storage and RAM	512GB or 1TB removable SSD with 16GB RAM	512GB or 1TB removable SSD with 16GB RAM
Operating System	Microsoft® Windows® 11 IoT Enterprise	Microsoft® Windows® 11 IoT Enterprise
Display	6" LED 850 nits touchscreen	8" LED 850 nits touchscreen
Display Resolution	2160 x 1080 (2K)	1280 x 800
NIST Compliance	NIST compliant BIOS available	NIST compliant BIOS available
Smart Card/CAC Reader	Full-slot (reads ISO 7816 T=0, T=1); 1.8/3/5V smart card	N/A
Buttons	1 x power button, 1 x NVIS/daylight button, 2 x programmable buttons	1 x power button, 1 x programable button
Microphone	Built-in microphone	Built-in microphone
Speaker	Built-in speaker	Built-in speaker

**Network Interface**

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz three band	Wi-Fi 802.11be, 2.4/5/6 GHz three band
BT	5.3	5.4

**I/O Ports**

USB Port	USB Type-C x 1 (data transmitting and charging; data transmitting only available in one insertion direction)	1 x USB-A; 1 x latest USB/charging
Ethernet Port	N/A	Ethernet 10/ 100/ 1000MB Base-T LAN
24-pin Fischer Minimax Connector * Eliminates the USB, Ethernet, and DC-in ports on the bottom.	N/A	Ethernet, USB-3.2 5G/USB2.0, and power 5-6A (in) and power 2A (out)/ground/ URAT
microSD Slot	1 x microSD card slot	1 x microSD card slot

**Mechanical and Environmental**

AC/DC Adapter	Input: 100 to 240V AC; Output: latest USB/charging (65W, up to 20V/3.25A)	Input: 100 to 240V AC; Output: latest USB/charging (65W, up to 20V/3.25A)
Battery Pack	Hot-swappable battery (2700mAh)	25W Hot-swappable battery (7.6V, 3350mAh)
Enclosure	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	6.01 x 8.54 x 0.79 in/ 152.56 x 216.94 x 20.0 mm
Weight	1.1 lbs/485 g	1.72 lb/780g (with battery)
Regulatory	CE, FCC Class B, RoHS, UL	FCC Class B, CE, RoHS compliant
Temperature	Operation: 0°C to 50°C (32°F to 122°F) Storage: -50°C to 70°C (-58°F to 158°F)	Operation*: 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	5 MP front camera and 13 MP back camera	5 MP front camera and 8 MP back camera
GNSS Module	GPS module	N/A
Barcode Scanner	2D barcode scanner (Reads 1D and 2D) Long range 2D barcode scanner (up to 60ft)	2D barcode scanner (reads 1D and 2D)
RFID Reader	N/A	Dual frequency (reads 125 KHz and 13.56 MHz credentials)

\* Specifications subject to change without notice.