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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
Control Switch and 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	N/A	N/A
Ethernet	Ethernet 10/100/1000 MB Base-T LAN	Ethernet 10/100/1000 MB Base-T LAN
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	N/A

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)	Operation: 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

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	DT361WF	DT381WF
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System

CPU	Intel® Core™ 3 N355, Octa-core (up to 3.9 GHz)	Intel® Core™ 3 N355, Octa-core (up to 3.9 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	Default: 1080 x 2160 Optional NVIS panel: 1440 x 720	800 x 1280
NIST Compliance	NIST compliant BIOS available	NIST compliant BIOS available
Control Switch and 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	1 x latest USB/charging; 1 x USB-A	Standard	1 x USB-A; 1 x latest USB/charging	Standard
DC-in	1		1	
Ethernet Port	Ethernet 10/ 100/ 1000MB Base-T LAN		Ethernet 10/ 100/ 1000MB Base-T LAN	
24-pin Fischer Minimax Connector (optional) * Eliminates the USB, Ethernet, and DC-in ports on the bottom.	Ethernet, USB-3.2 5G/USB2.0, and power 5-6A (in) and power 2A (out)/ground/ URAT	Optional	Ethernet, USB-3.2 5G/USB2.0, and power 5-6A (in) and power 2A (out)/ground/ URAT	Optional
microSD Slot (Optional)	1 x microSD card slot		1 x microSD card 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, 3.25A
Battery Pack	23W Hot-swappable battery (7.6V, 3100mAh)	25W Hot-swappable battery (7.6V, 3350mAh)
Enclosure	ABS + PC plastic and magnesium-aluminum alloy	ABS + PC plastic and magnesium-aluminum alloy
Dimensions (H x W x D)	3.73 x 7.7 x 1.4 in/ 94.8 x 196 x 35.78 mm (with strap)	6.01 x 8.54 x 0.79 in/ 152.56 x 216.94 x 20.0 mm
Weight	1.23 lb/ 560 g (with battery)	780g (with battery)
Durability	IP65 and MIL-STD-810H	IP65 and MIL-STD-810H
Regulatory	FCC Class B, CE, RoHS compliant	FCC Class B, CE, 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) Storage: -50°C to 70°C (-58°F to 158°F)	Operation: -20°C to 60°C (-4°F to 140°F) Storage: -20°C to 60°C (-4°F to 140°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.	N/A
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	N/A		2D barcode scanner (reads 1D and 2D)
RFID Reader	N/A		Dual frequency(reads 125 KHz and 13.56 MHz credentials)

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