DT Research
www.dtresearch.com

DT381WF
Tactical Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT381WF Tactical Tablet features an 8" LED 850 nits touchscreen and a high-performance, energy efficient Intel® Core™ 3 N355 processor within a slim, lightweight, durable package. With built-in Wi-Fi, BT connectivity, optional 2D barcode scanner, RFID reader, and front/back cameras options, the robust tablet offers seamless information capture and transmission for improved workflow. With IP65 and MIL-STD-810H certification, the DT381WF Tactical Tablet provides reliable operation in harsh, mission-critical environments.

Features

- 8" LED 850 nits touchscreen, capacitive stylus support
- Intel® Core™ 3 N355 processor
- Microsoft® Windows® 11 operating system
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- Hot-swappable battery pack

Major Options

- 5 MP front camera and 8 MP back camera
- 2D barcode scanner (reads 1D and 2D)
- RFID reader
- Waterproof 24-pin Fischer MiniMax connector

Specifications

Model	DT381WF

System

CPU	Intel® Core™ 3 N355, Octa-core (up to 3.9 GHz)
Storage and RAM	512GB or 1TB removable SSD with 16GB RAM
Operating System	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	8" LED 850 nits touchscreen
Display Resolution	800 x 1280
Control Switch and Buttons	1 x power button, 1 x programable button
Microphone	Built-in microphone
Speaker	Built-in speaker

Network Interface

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

I/O Ports

USB Port	1 x USB-A; 1 x latest USB/charging	
Ethernet	Ethernet 10/ 100/ 1000MB Base-T LAN	Standard
DC-in	1	
microSD Slot	1 x microSD card slot	
24-pin Fischer Minimax Connector (optional)	Ethernet, USB-3.2 5G/USB2.0, and power 5-6A (in) and power 2A (out)/ground/ URAT	Optional

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.25A
Battery Pack	25W Hot-swappable battery (7.6V, 3350mAh)
Enclosure	ABS + PC plastic and magnesium-aluminum alloy
Dimensions (H x W x D)	6.01 x 8.54 x 0.79 in/ 152.56 x 216.94 x 20.0 mm
Weight	780g (with battery)
Durability	IP65 and MIL-STD-810H
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	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 Option

Barcode Scanner	2D barcode scanner (reads 1D and 2D)
Camera	5 MP front camera and 8 MP back camera
RFID Reader	Dual frequency (reads 125 KHz and 13.56 MHz credentials)

* Specifications subject to change without notice.

Accessories

- Capacitive Stylus
- 6-Bay Battery Gang Charger
- Battery Pack

Product Configurator

www.dtresearch.com/productconfig

090925 DT381WF ENG