



DT382DN Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382DN Rugged Tablet features the integration of a brilliant 8" touchscreen and high-performance yet energy-efficient Intel® processor within a slim, lightweight, and durable package. With built-in Wi-Fi, BT connectivity, along with optional features such as 2D barcode scanner, 8 MP back camera, NFC/RFID Reader, UHF RFID Reader, long-range BT, 4G LTE, and GPS to enhance versatility, this robust tablet offers seamless information capture and transmission for improved workflow. With IP65, MIL-STD-810H, HERO certification, and wide operating temperature range, the DT382DN Rugged Tablet provides reliable operation in harsh, mission critical environments.



Features

- 8" LED-backlit, high-brightness 800 nits touchscreen, digital pen support
- Intel® N200 processor
- Microsoft® Windows® 11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Hot-swappable battery pack
- Wide operating temperature range

Major Options

- 8 MP back camera
- Barcode scanner or long range barcode scanner
- NFC/ RFID reader or UHF RFID reader
- GPS module
- Long range BT
- 4G LTE/AWS

Specifications



Model	DT382DN
System	
CPU	Intel® N200, 4-core (up to 3.70 GHz)
RAM	16GB
Storage	512GB
Operating System	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	8" LED-backlit, high-brightness 800 nits touchscreen
Display Resolution	1280 x 800
Trusted Platform Module	TPM 2.0
Fan/Fanless	Fanless
Speaker	Built-in speaker
Buttons	1 x power button, 2 x trigger buttons, 2 x brightness buttons, 4 x programmable buttons
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.3
I/O Ports	
USB Ports	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	1 (3.5 mm)
SD Slot	1 x microSD card slot
SIM Card Slot	1 x Nano SIM slot
DC-in Jack	1
Mechanical and Environmental	
AC/DC Adapter	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)
Enclosure	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
Weight	2.43 lbs/1.1 kg
Durability	IP65 and MIL-STD-810H
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing Regulatory	Yes
Temperature	FCC Class B, CE, RoHS compliant 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
Major Options	
Barcode Scanner	2D barcode scanner (reads 1D and 2D) Long range barcode scanner: read range of 4 in (10cm) to 66 ft. (20.11m)
Camera	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
UHF RFID Reader	865 to 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) reading distance
GNSS Module	GPS
Long-Range BT	Class 1 BT (1000 ft.)
Mobile Broadband	4G LTE/AWS
Smart Card/CAC Reader	Half-slot (Reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V smart card)

Accessories

- High Capacity Battery Pack



- BatteryGang Charger



- DigitalPen



- X-Handstrap



* Specifications subject to change without notice.