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" 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

- Back Camera
- Barcode Scanner or Long Range Barcode Scanner
- NFC/ RFID Reader or UHF RFID Reader
- GPS Module
- Long Range BT
- 4G LTE/AWS
- CAC Card Reader

Specifications

Model	DT382DN

System

CPU	Intel® N200, 4-core (up to 3.70 GHz)
RAM	16GB
Storage	512GB to 1TB
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	fTPM 2.0
Fan/Fanless	Fanless
Switches and Buttons	1 x Power Button, 2 x Brightness Buttons, 4 x Programmable Buttons
Speaker	Built-In Speaker

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 Micro SD Card Slot
SIM Card Slot	1 x NANO SIM Slot
Dc-in	1

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh) (Optional)
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	Yes
Regulatory	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) *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 2D Barcode Scanner (up to 60ft)
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 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) Reading Distance
Smart Card/CAC Reader	Half-slot (Reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V Smart Card
GNSS Module	GPS Module
Long-Range BT	Class 1 BT (1000 ft.)
Mobile Broadband	4G LTE/AWS

* Specifications subject to change without notice.

Accessories

· High Capacity Battery Pack

· Battery Gang Charger

· Digital Pen

· X-Handstrap

Product Configurator

www.dtresearch.com/productconfig