



## DT382DN/DT382DH Rugged Tablet

### Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382D 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 DT382D Rugged Tablet provides reliable operation in harsh, mission critical environments.



### Features

- 8" touchscreen; digital pen support
- Intel® N200 or Intel® Core™ i3-N300 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  | DT382DH  |
|---------------------------------------|--|--|
| <b>System</b>                         |  |  |
| CPU                                   | Intel® N200, 4-core (up to 3.70 GHz)   | Intel® Core™ i3-N300, 8-core (up to 3.80 GHz)  |
| RAM                                   | 16GB   | 16GB   |
| Storage                               | 512GB to 1TB   | 512GB to 1TB   |
| Operating System                      | Microsoft® Windows® 11 IoT Enterprise  | Microsoft® Windows® 11 IoT Enterprise  |
| NIST Compliance                       | NIST Compliant BIOS Available  | NIST Compliant BIOS Available  |
| Display                               | 8" LED-Backlit, High-Brightness (800 nits) Touchscreen   | 8" LED-Backlit, High-Brightness (800 nits) Touchscreen   |
| Display Resolution                    | 1280 x 800   | 1280 x 800   |
| Trusted Platform Module               | fTPM 2.0   | fTPM 2.0   |
| Fan/Fanless                           | Fanless  | Fanless  |
| Switches & Buttons                    | 1 x Power Button, 2 x Brightness Buttons, 4 x Programmable Buttons   | 1 x Power Button, 2 x Brightness Buttons, 4 x Programmable Buttons   |
| Speaker                               | Built-In Speaker   | Built-In Speaker   |
| <b>Network Interface</b>              |  |  |
| WLAN                                  | Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band   | Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band   |
| BT                                    | 5.3  | 5.3  |
| <b>I/O Ports</b>                      |  |  |
| USB Ports                             | USB 3.0 x 1, USB Type C x 1 (for data transmitting and charging)   | USB 3.0 x 1, USB Type C x 1 (for data transmitting and charging)   |
| Headset Jack                          | 1 (3.5 mm)   | 1 (3.5 mm)   |
| SD Slot                               | 1 x Micro SD Card Slot   | N/A  |
| SIM Card Slot                         | 1 x NANO SIM Slot  | 1 x NANO SIM Slot  |
| Dc-in                                 | 1  | 1  |
| <b>Mechanical and Environmental</b>   |  |  |
| AC/DC Adapter                         | Input: 100-240V AC; Output: 19V DC, 3.42A  | Input: 100-240V AC; Output: 19V DC, 3.42A  |
| Battery Pack                          | Hot-Swappable Battery (7.6V, 6000mAh)<br>Hot-Swappable Battery (11.4V, 5400mAh) (Optional)<br>Hot-Swappable Battery (11.4V, 8000mAh) (Optional)  | Hot-Swappable Battery (7.6V, 6000mAh)<br>Hot-Swappable Battery (11.4V, 5400mAh) (Optional)<br>Hot-Swappable Battery (11.4V, 8000mAh) (Optional)  |
| Enclosure                             | ABS + PC Plastic   | 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   | 5.8 x 9.2 x 1.1 in/147.3 x 234 x 27.7 mm   |
| Weight                                | 2.43 lbs/1.1 kg  | 2.43 lbs/1.1 kg  |
| Durability                            | IP65 and MIL-STD-810H  | IP65 and MIL-STD-810H  |
| Hazard of Electromagnetic Radiation   | Yes  | Yes  |
| to Ordnance (HERO) Testing Regulatory | FCC Class B, CE, RoHS Compliant<br>Operation*: -10°C to 60°C (14°F to 140°F)<br>Optional -30°C to 60°C (-22°F to 140°F)<br><small>*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)</small><br>Storage: -50°C to 70°C (-58°F ~ 158°F) | FCC Class B, CE, RoHS Compliant<br>Operation*: -10°C to 60°C (14°F to 140°F)<br>Optional -30°C to 60°C (-22°F to 140°F)<br><small>*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)</small><br>Storage: -50°C to 70°C (-58°F ~ 158°F) |
| Temperature                           |  |  |
| Humidity                              | 0% – 90% Non-Condensing  | 0% – 90% Non-Condensing  |
| <b>Major Options</b>                  |  |  |
| Barcode Scanner                       | 2D Barcode Scanner (Reads 1D & 2D)<br>Long Range 2D Barcode Scanner (up to 60ft)   | 2D Barcode Scanner (Reads 1D & 2D)<br>Long Range 2D Barcode Scanner (up to 60ft)   |
| Camera                                | 8 MP Back Camera with Auto Focus, White Balance, Gain Control, and Exposure Control  | 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) & 18000-3 Mode 1  | HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1  |
| UHF RFID Reader                       | 865 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) Reading Distance  | 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)   | Half-slot (Reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V Smart Card)   |
| GNSS Module                           | GPS Module   | GPS Module   |
| Long-range BT                         | Class 1 BT (1000 ft.)  | Class 1 BT (1000 ft.)  |
| Mobile Broadband                      | 4G LTE/AWS   | 4G LTE/AWS   |

# Accessories

- Desktop Charging Cradle



- Tablet Mount Cradle



- Pole/Vehicle Mount Cradle



- High Capacity Battery Pack



- Battery Gang Charger



- Digital Pen



\* Specifications subject to change without notice.