



DT382D Series Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382D Series 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, LRBT, 4G LTE, GPS to enhance versatility, this robust tablet offers seamless information capture and transmission for improved workflow. With IP65, MIL-STD-810H and HERO certification and wide operating temperature range supported, the DT382D Series Rugged Tablet provides reliable operation in harsh, mission critical environments.





Features

- 8" touchscreen; digital pen supported
- 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

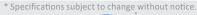
- · Back Camera
- Barcode Scanner or Long Range Baracode Scanner
- NFC/ RFID Reader or UHF RFID Reader
- · GPS Module
- · Long Range BT
- 4G LTE/AWS
- · CAC Card Reader

Specifications





Accessories Model **System** · Desktop Charging Cradle 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 Compliant BIOS Available NIST Compliant BIOS Available **NIST Compliance** 8" LED-Backlit, High-Brightness (800 nits) Touchscreen 8" LED-Backlit, High-Brightness (800 nits) Touchscreen Display · Tablet Mount Cradle **Display Resolution Trusted Platform Module** fTPM 2.0 fTPM 2.0 Fan/Fanless Fanless Fanless 1 x Power Button, 2 x Brightness Buttons, 1 x Power Button, 2 x Brightness Buttons, **Switches & Buttons** 4 x Programmable Buttons 4 x Programmable Buttons Speaker Built-In Speaker Built-In Speaker **Network Interface** WLAN Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band · Pole/Vehicle Mount Cradle 5.3 5.3 I/O Ports USB 3.0 x 1, USB Type C x 1 USB 3.0 x 1, USB Type C x 1 **USB Ports** (for data transmitting and charging) (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 · High Capacity **Battery Pack Mechanical and Environmental** AC/DC Adapter Input: 100-240V AC; Output: 19V DC, 3.42A Input: 100-240V AC; Output: 19V DC, 3.42A Hot-Swappable Battery (7.6V, 6000mAh) Hot-Swappable Battery (7.6V, 6000mAh) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) **Battery Pack** Hot-Swappable Battery (11.4V, 8000mAh) (Optional) Hot-Swappable Battery (11.4V, 8000mAh) (Optional) ABS + PC Plastic ABS + PC Plastic **Enclosure** 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 Battery Gang Charger IP65 and MIL-STD-810H IP65 and MIL-STD-810H Durability Hazard of Electromagnetic Yes Radiation to Ordnance (HERO) Testing FCC Class B, CE, RoHS Compliant FCC Class B, CE, RoHS Compliant Regulatory Operation*: -10°C to 60°C (14°F to 140°F) Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) *For battery safety and optimal functionality and performance, the *For battery safety and optimal functionality and performance, the Temperature recommended usage temperature range is from -10°C to 45°C recommended usage temperature range is from -10°C to 45°C (14°F to 113°F) (14°F to 113°F) Storage: -50°C to 70°C (-58°F ~ 158 °F) Storage: -50°C to 70°C (-58°F $^{\sim}$ 158°F) 0% – 90% Non-Condensing 0% – 90% Non-Condensing Humidity · Digital Pen **Major Options** 2D Barcode Scanner (Reads 1D & 2D) 2D Barcode Scanner (Reads 1D & 2D) **Barcode Scanner** Long Range 2D Barcode Scanner (up to 60ft) Long Range 2D Barcode Scanner (up to 60ft) 8 MP Back Camera with Auto Focus, White Balance, 8 MP Back Camera with Auto Focus, White Balance, Camera Gain Control, and Exposure Control Gain Control, and Exposure Control HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode NFC/RFID Reader 865 - 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 865 - 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; **UHF RFID Reader** 16 ft (4.87m) Reading Distance 16 ft (4.87m) Reading Distance Half-slot (Reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V Smart Half-slot (Reads ISO 7816 T=0, T=1; 1.8 / 3 / 5V Smart





Smart Card/CAC Reader

GNSS Module

Long-range BT

Mobile Broadband

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Card

GPS Module

Class 1 BT (1000 ft.)

4G LTE/AWS



Card

GPS Module

Class 1 BT (1000 ft.)

4G LTE/AWS