DT Research
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DT382GL
Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382GL 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 Wi-Fi and other optional data capture modules, this robust tablet offers seamless information capture and transmission for improved workflow. With IP65, MIL-STD-810G and HERO certification, the DT382GL Rugged Tablet provides reliable operation in harsh, mission critical environments.

Features

- 8” touchscreen; digital pen supported
- Intel® Pentium® Silver 4-core processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Hot swappable battery pack

Major Options

- Back camera
- Barcode scanner
- NFC/ RFID reader or UHF RFID reader
- GPS module

Specifications

System

CPU	Intel® Pentium® Silver 4-Core, 1.10 GHz (up to 2.70 GHz)
RAM	8GB
Storage	256GB Flash
Operating System	Microsoft® Windows® 10/11 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 & Buttons	1 x Power Button, 2 x Brightness Buttons, 4 x Programmable Buttons
Speaker	Built-In Speaker

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4/5 GHz Dual Band

I/O Ports

USB Ports	USB 3.0 x 1, USB Type C x 1 (for data transmitting and charging)
Headset Jack	1 (3.5 mm)
SD Slot	1 Micro SD Card Slot

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3.25A
Battery Pack	Hot-Swappable Battery (7.6V, 6000mAh) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery (11.4V, 8000mAh) (Optional)
Enclosure	ABS + PC Plastic
Dimensions (H x W x D)	6.1 x 9.4 x 1.3 in/155 x 238 x 33 mm
Weight	2.43 lbs/1.1 kg
Durability	IP65 and MIL-STD-810G
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes
Regulatory	FCC Class B, CE, RoHS Compliant
Temperature	Operation: -10°C to 50°C (14°F to 122°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% – 90% Non-Condensing

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
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) & 18000-3 Mode 1
UHF RFID Reader	865 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) Reading Distance
GNSS Module	GPS Module

* Specifications subject to change without notice.

Accessories

- Desktop Charging Cradle

- Wall/Vehicle Mount Cradle

- Pole/Vehicle Mount Cradle

- Trigger Grip for UHF RFID Reader

- Charging Cradle for UHF RFID Reader Trigger Grip

- Battery Pack

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Product Configurator

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