



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 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 connectivity, and GPS to enhance versatility, this robust tablet offers seamless information capture and transmission for improved workflow. With IP65, MIL-STD-810H, MIL-STD-461G, and HERO certification, the DT382GL Rugged Tablet provides reliable operation in harsh, mission critical environments.



Features

- 8" touchscreen, digital pen support
- 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-810H for shock and vibration protection
- MIL-STD-461G for EMI and EMC tolerance
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Hot-swappable battery pack

Major Options

- 8 MP Back Camera
- 2D Barcode Scanner (Reads 1D and 2D)
- NFC/ RFID Reader or UHF RFID Reader
- GPS Module
- Long-Range BT

Specifications

System	
CPU	Intel® Pentium® Silver 4-Core, 1.10 GHz (up to 2.70 GHz)
RAM	8GB
Storage	512GB
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
Speaker	Built-In Speaker

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

I/O Ports	
USB Ports	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	1 x (3.5 mm)
SD Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x NANO SIM Slot
Dc-in	1
Switches and Buttons	1 x Power Button, 2 x Brightness Buttons, 4 x Programmable Buttons

Mechanical and Environmental	
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A
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)	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, MIL-STD-810H and MIL-STD-461G Certified
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 ~ 158°F)
Humidity	0% to 90% Non-Condensing

Major Options	
Barcode Scanner	2D Barcode Scanner (Reads 1D and 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) and 18000-3 Mode 1
UHF RFID Reader	865 – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 ft (4.87m) Reading Distance
GNSS	GPS
Long-Range BT	Class 1 BT (1000 ft.)

* 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

