DT382GL
Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382GL Rugged Tablet features the integration of a brilliant 8" capacitive touch screen and high performance yet energy-efficient Intel® processor within a slim, lightweight, and durable package. With Wi-Fi as well as optional data capture modules, these robust tablets offer 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" capacitive touch screen, digital pen support
- Intel® Pentium® Silver quad-core processor
- Microsoft® Windows® 10 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 Quad-Core, 1.10GHz (up to 2.70GHz)
RAM	8GB
Storage	256GB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	8" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1280 x 800
Trusted Platform Module	fTPM 2.0
Fan/ Fanless	Fanless
Control Switch and Buttons	1 power button, 2 brightness control buttons, 4 programmable buttons
Speaker	Built-in speaker

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz 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 (3.5mm)
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 plastics
Dimensions (H x W x D)	6.1 x 9.4 x 1.3 in x / 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 also
Camera	8 megapixel back camera with auto focus, white balance, gain control, and exposure control
NFC/RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
UHF RFID Reader	865MHz – 928MHz, EPCglobal Class 1 Gen 2/ ISO 18000-6C; 16 feet (4.87m) read 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

Product Configurator

www.dtresearch.com/productconfig