



DT382GL /DT382DN

Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT382GL/DT382DN 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, GPS to enhance versatility, this robust tablet offers seamless information capture and transmission for improved workflow. With IP65, MIL-STD-810H and HERO certification, the DT382GL/DT382DN Rugged Tablet provides reliable operation in harsh, mission critical environments.



Features

- 8" touchscreen; digital pen supported
- Intel® Pentium® Silver or Core® i 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
- 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
- Long-range BT

Specifications



Model	DT382GL	DT382DN
System		
CPU	Intel® Pentium® Silver 4-Core, 1.10 GHz (up to 2.70 GHz)	Intel® Core® i3-N300 8-Core (up to 3.80 GHz)
RAM	8GB	16GB
Storage	256GB to 1TB	512GB to 1TB
Operating System	Microsoft® Windows® 10/11 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
Network Interface		
WLAN	Wi-Fi 802.11ac, 2.4/5 GHz Dual Band	Wi-Fi 802.11ac, 2.4/5/6 GHz Three Band
BT	4.2 LE	5.3
I/O Ports		
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	1 x Micro SD Card Slot
SIM Card Slot	1 x NANO SIM Slot	1 x NANO SIM Slot
Dc-in	1	1
Mechanical and Environmental		
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) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery (11.4V, 8000mAh) (Optional)	Hot-Swappable Battery (7.6V, 6000mAh) Hot-Swappable Battery (11.4V, 5400mAh) (Optional) 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 to Ordnance (HERO) Testing	Yes	Yes
Regulatory	FCC Class B, CE, RoHS Compliant	FCC Class B, CE, RoHS Compliant
Temperature	Operation: -10°C ~ 50°C (14°F ~ 122°F); Storage: -50°C ~ 70°C (-58°F ~ 158°F)	Operation: -10°C ~ 50°C (14°F ~ 122°F); Storage: -50°C ~ 70°C (-58°F ~ 158°F)
Humidity	0% – 90% Non-Condensing	0% – 90% Non-Condensing
Major Options		
Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)	2D Barcode Scanner (Reads 1D & 2D)
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
GNSS Module	GPS Module	GPS Module
Long-range BT	Class 1 BT (1000 ft.)	Class 1 BT (1000 ft.)

* Specifications subject to change without notice.

