

DT370CR Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing



The DT Research DT370CR Rugged Tablet features the integration of a brilliant 7" capacitive touchscreen and a high performance yet energy-efficient Intel® processor within a slim, lightweight, and durable package. The Wi-Fi, Bluetooth, as well as optional camera, 2D barcode scanner and mobile broadband make this robust tablet offer seamless information capture and transmission for improved workflow. With IP65 and MIL-STD-810G certification, the DT370CR Rugged Tablet provides reliable operation in harsh, mission critical environments.

Features

- 7" display with capacitive touch; high-bright (800 nits), sunlight-readable and anti-reflective
- Intel® Atom™ quad-core processor; high performance with low power consumption
- Microsoft® Windows® 10 IoT Enterprise or Android operating system
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- Optional back camera, barcode scanner, long-range Bluetooth, and 4G LTE
- Optional GNSS Module; u-blox M8 GNSS module with concurrent reception of GPS and GLONASS; industry leading -167dBm navigation sensitivity



Applications

- Government/ Military
- Inventory/ Warehousing
- Control/ Monitoring
- Field Service/Utilities
- Transportation
- Construction
- Healthcare
- Education
- Manufacturing

Specifications

System	
CPU	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)
RAM	4GB
Storage	64GB to 128GB flash
Operating System	Microsoft® Windows® 10 IoT Enterprise or Android 6.0.1
Display	7" LED-backlight screen with capacitive touch; high-bright (800 nits), sunlight-readable, anti-reflective
Display Resolution	1280 x 800
Control Switch and Buttons	1 power button, 1 trigger button, 6 programmable buttons, 1 5-way tactile button
Speaker	Built-in speaker
Network Interface	
WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 4.0 LE
I/O Ports	
USB Port	USB 3.0 X 1
Headset Jack	1
DC-in	1
SD Slot	1 micro SD card slot
Mechanical and Environmental	
AC/DC Adapter	Input: 100-240V AC; Output: 12V, 5A
Battery Pack	Hot swappable battery, 3.7V, 8800mAh
Enclosure	ABS + PC plastics
Dimensions (H x W x D)	8.4 x 5.4 x 0.94 in/ 214 x 137.3 x 24 mm
Weight	1.99 lbs/ 900 g
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation: 14°F to 122°F (-10°C to 50°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity	0% – 90% non-condensing

*Specifications subject to change without notice.

Major Options

Barcode Scanner (2D)

2D barcode scanner; reads 1D also

Camera

8 megapixel back camera with auto focus, white balance, gain control and exposure control

GNSS Module

U-blox M8 GNSS module with concurrent reception of GPS and GLONASS; industry leading -167dBm navigation sensitivity

Long Range Bluetooth

Class 1 Bluetooth (1000 ft)

Mobile Broadband

4G LTE/AWS

Accessories

The DT370CR tablet has customized accessories to meet numerous deployment needs.

- Battery Gang Charger



- Battery Pack



- Pole/ Vehicle Mount Cradle

