DT372AP/ DT370CR/ DT380CR
Rugged Tablets

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT372AP, DT370CR, and DT380CR Rugged Tablets feature the integration of brilliant 7" and 8" capacitive touchscreens, Microsoft® Windows® operating system, and high performance yet energy-efficient Intel® processors within slim, lightweight, and durable packages. With Wi-Fi, Bluetooth, as well as data capture and mobile broadband options, these robust tablets offer seamless information capture and transmission for improved workflow. With IP65 and MIL-STD-810G certification, the DT372AP, DT370CR, and DT380CR Rugged Tablets provide reliable operation in harsh, mission critical environments.

Features

- 7" and 8" high-brightness capacitive screens, outdoor viewable
- Intel® Pentium® and Atom™ quad-core processors
- 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

Major Options

- Back camera
- Barcode scanner
- Long-range Bluetooth
- u-blox M8 GNSS module
- 4G LTE/AWS

Specifications

Model	DT372AP	DT370CR	DT380CR

System

CPU	Intel® Pentium® Quad Core, 1.1GHz (up to 2.5GHz)	Intel® Atom™ Quad-Core, 1.44GHz (up to 1.92GHz)	Intel® Atom™ Quad-Core, 1.44GHz (up to 1.92GHz)
RAM	8GB	4GB	4GB
Storage	256GB to 2TB Flash	128GB Flash	128GB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise		
NIST Compliance	NIST compliant BIOS available		
Display	7" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	7" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	8" LED-backlight, high-brightness (850 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1280 x 800	1280 x 800	1920 x 1200
Fan/ Fanless	Fanless	Fanless	Fanless
Control Switch and Buttons	1 power button, 5 programmable buttons, 1 5-way tactile button	1 power button, 1 trigger button, 1 return button, 4 programmable buttons, 1 4-way tactile button	1 power button, 1 trigger button

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		
Bluetooth	Bluetooth 4.2 LE	Bluetooth 4.2 LE	Bluetooth 4.2 LE

I/O Ports

USB Ports	USB 3.0 X 1	USB 3.0 X 1	USB 3.0 X 1
Headset Jack	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
DC-in	1	1	1
SD Slot	1 micro SD card slot	1 micro SD card slot	1 micro SD card slot

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A	Input: 100-240V AC; Output: 12V, 5A	Input: 100-240V AC; Output: 12V, 5A
Battery Pack	Hot swappable battery, 11.4V, 5400mAh; Hot swappable battery, 11.4V, 8000mAh (optional)	Hot swappable battery, 3.7V, 8800mAh	Hot swappable battery, 3.7V, 8800mAh
Enclosure	ABS + PC plastics		
Dimensions (H x W x D)	9.2 x 5.8 x 1.07 in/ 234 x 147.3 x 27.13 mm	8.4 x 5.4 x 0.94 in/ 214 x 137.3 x 24 mm	5.7 x 8.3 x 0.8 in/ 145.4 x 210 x 20.4mm
Weight	2.43 lbs/ 1.1 kg	1.99 lbs/ 900 g	1.99 lbs/ 900g
Durability	IP65 and MIL-STD-810G certified	IP65 and MIL-STD-810G certified	IP65 and MIL-STD-810G certified
Regulatory	FCC Class B, CE, RoHS compliant		
Temperature	Operation: -20°C to 50°C (-4°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)	Operation: 0°C to 50°C (32°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)	Operation: 0°C to 50°C (32°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% – 90% non-condensing		

Major Options

Barcode Scanner	N/A	2D scanner, reads 1D also	2D scanner, reads 1D also
Camera	5 megapixel back camera	5 megapixel back camera	5 megapixel back camera
GNSS Module	U-blox M8 GNSS module	U-blox M8 GNSS module	U-blox M8 GNSS module
Long Range Bluetooth	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)
Mobile Broadband	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS

* Specifications subject to change without notice.

Accessories

· Battery Gang Charger   · Battery Pack   · Digital Pen   · Desktop Charging Cradle

Product Configurator

www.dtresearch.com/productconfig