



## DT340T Rugged Tablets

### Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT340T Rugged Tablet features the integration of a brilliant 14" capacitive touch screen and high performance, energy-efficient Intel® 8<sup>th</sup> Generation Core™ i quad-core processor within a slim, lightweight, durable package. With built-in smart card/CAC reader, Wi-Fi and Bluetooth, this tablet offers seamless information capture for instant transmission in the field and in the office. With its large, vivid display and optional graphic card, the DT340T Rugged Tablet supports a wider working area and detailed application interface along with higher image and video processing. The MIL-STD and IP ratings also make this tablet stand up to real world use for mission critical applications.



### Features

- 14" high-brightness capacitive touch screen (1000 nits), digital pen support
- Intel® 8<sup>th</sup> Generation Core™ i5/i7 quad-core processor
- NIST compliant BIOS available
- Build-in smart card/ CAC reader
- Dual high-capacity, hot-swappable battery packs, up to 180W
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- Easy-to-open I/O port caps (patented)
- Foldable tabletop stand

### Major Options

- NVIDIA GeForce® GTX 1050 graphic card option, ideal for defense, medical imaging, aerospace applications
- 4G LTE/AWS
- Dual pass through antennas for the docking cradle

# Specifications



<b>Model</b>	<b>DT340T</b>
<b>System</b>	
<b>CPU</b>	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8650U, Quad-Core, 1.9GHz (up to 4.2GHz)
<b>RAM</b>	8GB
<b>Storage</b>	256GB to 2TB Flash
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise, 64bit
<b>NIST Compliance</b>	NIST compliant BIOS available
<b>Display</b>	14" LED-backlight, high-brightness (1,000 nits) screen with capacitive multi-touch, outdoor viewable
<b>Display Resolution</b>	1920 x 1080
<b>Control Switch and Buttons</b>	1 power button, 2 programmable buttons
<b>Indicator</b>	1 power/ battery status LED
<b>Microphone</b>	Built-in microphone with DSP for real-time video
<b>Speaker</b>	Built-in speaker

## Network Interface

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

## I/O Ports

<b>HDMI</b>	1
<b>USB Ports</b>	USB 3.0 x 1 and USB 2.0 x 2
<b>Headset Jack</b>	1 (3.5mm)
<b>DC-in</b>	1
<b>Ethernet</b>	1 RJ45 connector for Ethernet
<b>Smart Card/CAC Reader</b>	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

## Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V DC, 6.31A
<b>Battery Pack</b>	Hot swappable battery, 11.4V, 5400mAh x 2 Hot swappable battery, 11.4V, 8000mAh x 2 (optional)
<b>Enclosure</b>	ABS + PC plastics and magnesium-aluminum alloy
<b>Dimensions (H x W x D)</b>	9.6 x 14.8 x 1.16 in/ 244 x 376 x 29.5 mm
<b>Weight</b>	6.38lbs/ 2.9kg
<b>Durability</b>	IP65 and MIL-STD-810G certified
<b>Regulatory</b>	FCC Class B, CE, RoHS compliant
<b>Temperature</b>	Operation*: -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II * For battery safety, optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)  Storage: -55°C to 70°C (-67°F to 158°F)
<b>Humidity</b>	0% – 90% non-condensing

## Major Options

<b>Graphic Card</b>	Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
<b>Antenna</b>	Dual pass through antennas integrated in the docking cradle
<b>Mobile Broadband</b>	4G LTE/AWS

\* Specifications subject to change without notice.

# Accessories

## Digital Pen

<b>Pen Tip</b>	Diameter: 0.059 in/ 1.5mm, replaceable
<b>Buttons</b>	2 side buttons (right-click and eraser)
<b>Battery</b>	1 AAAA, replaceable
<b>Color</b>	Black
<b>Dimensions</b>	Length: 5.5 in/ 140 mm (including pen tip) Diameter: 0.38 in/ 9.7 mm
<b>Weight</b>	0.055 lbs/ 25 g



## Docking Keyboard

With ports for Power, HDMI and USB; designed to connect to the DT Research Tablet, instantly pairs, ideal for 2-in-1 applications



## Vehicle Mount Cradle

Supports DT340T and the Detachable Keyboard. The Cradle offers a lockable mechanism as well as USB, LAN, COM ports, a DC-in jack, and dual antenna connectors



- Battery Charging Kits



- High Capacity Battery Pack



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