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® 8th Generation Core™ i quad-core processor within a slim, lightweight, durable package. With built-in smart card/CAC reader, Wi-Fi and Bluetooth as well as optional GNSS, 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® 8th 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
- u-blox M8 GNSS module
- 4G LTE/AWS
- Dual pass through antennas for the docking cradle

Specifications

Model	DT340T

System

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

Network Interface

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

I/O Ports

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

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 6.31A
Battery Pack	Hot swappable battery, 11.4V, 5400mAh x 2 Hot swappable battery, 11.4V, 8000mAh x 2 (optional)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy
Dimensions (H x W x D)	9.6 x 13.8 x 1.16 in/ 244mm x 244mm x 29.5mm
Weight	6.38lbs/ 2.9kg
Durability	IP65 and MIL-STD-810G certified
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	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)
Humidity	0% – 90% non-condensing

Major Options

Graphic Card	Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
Antenna	Dual pass through antennas integrated in the docking cradle
GNSS Module	U-blox M8 GNSS module with concurrent reception of GPS and GLONASS, industry leading -167dBm navigation sensitivity *either with GNSS module or the graphic card
Mobile Broadband	4G LTE/AWS

* Specifications subject to change without notice.

Accessories

Digital Pen

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

www.dtresearch.com/productconfig