



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 and Wi-Fi, 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
- 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

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 14.8 x 1.16 in/ 244 x 376 x 29.5 mm
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
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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