



DT340T Rugged Tablets

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT340T Rugged Tablet features the integration of a brilliant 14" touchscreen and high performance, energy-efficient Intel® Core™ i 4-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 graphics 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 touchscreen (1000 nits), digital pen supported
- Intel® Core™ i5/i7 4-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, 4-Core, 1.6 GHz (up to 3.4 GHz) Intel® Core™ i7-8650U, 4-Core, 1.9 GHz (up to 4.2 GHz)
RAM	8GB
Storage	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise, 64bit
NIST Compliance	NIST Compliant BIOS Available
Display	14" LED-backlit, High-Brightness (1,000 nits) Touchscreen with Multi-Touch
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 Streaming
Speaker	Built-In Speaker

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4/5 GHz Dual Band
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I/O Ports

HDMI	1
USB Ports	1 x USB 3.0, 2 x USB 2.0
Headset Jack	1 (3.5 mm)
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	2 x Hot-Swappable Battery (11.4V, 5400mAh) 2 x Hot-Swappable Battery (11.4V, 8000mAh) (Optional)
Enclosure	ABS + PC Plastic 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	6.38 lbs/2.9 kg
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 graphics 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 x Side Buttons (Right-click/Eraser)
Battery	1 AAAA, Replaceable
Color	Black
Dimensions	Length: 5.5 in/140 mm (Pen Tip Included) 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



Product Configurator

www.dtresearch.com/productconfig