



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™ i7/i5 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
- Support Intel® Core™ i7/i5 processor and Vpro function
- 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-810H for shock and vibration protection
- Easy-to-open I/O port caps (patented)
- Foldable tabletop stand

Major Options

- NVIDIA RTX A1000 graphics card
- 4G LTE/AWS
- Dual pass through antennas for the docking cradle
- GPS Module
- Back Camera

Specifications



Model	DT340T
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System

CPU	Intel® Core™ i5-1340P, 12-Core, up to 4.6 GHz Intel® Core™ i7-1370P, 14-Core, up to 5.2 GHz
GPU	(Optional: RTX A1000)
RAM	64GB
Storage	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise, 64bit or Ubuntu
NIST Compliance	NIST Compliant BIOS Available
Display	14" LED-backlit, High-Brightness (1,000 nits) Touchscreen with Multi-Touch
Display Resolution	1920 x 1080
Indicator	1 x Power/Battery Status LED
Microphone	Built-In Microphone with DSP for Real-Time Video Streaming
Speaker	Built-In Speaker

Network Interface

WLAN	Wi-Fi 802.11ax 2.4/5/6 Ghz three band
BT	5.2

I/O INTERFACE

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 x RJ45 connector for Ethernet
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Control Switch and Buttons	1 x Power Button, 2 x Programmable Buttons

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V 65W for w/o GPU SKU and 19V 230W for A1000 SKU
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 ~ 60°C (-4°F ~ 140°F), tested under MIL-STD-810H method 501.7, Procedure II, and method 502.7, 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 ~ 70°C (-67°F ~ 158°F)
Humidity	0% ~ 90% Non-Condensing

Major Options

Graphics Card	Integrated graphics card, NVIDIA RTX A1000
Antenna	Dual pass through antennas integrated in the docking cradle
Mobile Broadband	4G LTE/AWS
Camera	8M Back Camera with Flash
GPS	U-blox GPS module

* 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



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

