



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" highness touchscreen 1000 nits, digital pen support
- Intel® Core™ i7/i5 vPro® processor
- NIST compliant BIOS available
- Built-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 or RTX A2000 graphics card
- 4G LTE/AWS
- Dual pass through antennas for the docking cradle
- GPS module
- 8 MP back camera

* 4G/LTE Module and Smart card/CAC reader cannot be built onto same device of NVIDIA graphics card SKU.

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 or RTX A2000
RAM	8GB to 64GB
Storage	512GB 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 1000 nits touchscreen with multi-touch
Display Resolution	1920 x 1080
Indicator	1 x power/battery status LED
Smart Card/CAC Reader	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Buttons	1 x power button, 2 x programmable buttons
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 Ports	
HDMI	1
USB Ports	1 x USB 3.0, 2 x USB 2.0
Headset Jack	1 (3.5 mm)
DC-in Jack	1
Ethernet	1 x RJ45 connector for Ethernet

Mechanical and Environmental	
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V 65W for w/o GPU SKU and 19V 120W for A1000 SKU
Battery Pack	2 x Hot-swappable batteries (11.4V, 5400mAh) (Optional) 2 x Hot-swappable batteries (11.4V, 8000mAh)
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-810H certified
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation*: -20°C to 60°C (-4°F to 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: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% non-condensing

Major Options	
Graphics Card	Integrated graphics card, NVIDIA RTX A1000 or RTX A2000
Antenna	Dual pass through antennas integrated in the docking cradle
Mobile Broadband	4G LTE/AWS
Camera	8 MP back camera with flash
GNSS	GPS

* 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 (including pen tip) Diameter: 0.38 in/9.7 mm
Weight	0.055 lbs/25 g



Tablet Mount Cradle

Offers tablet storage and security with power, HDMI-out, COM, Ethernet pass-through, and USB ports. Power supply is not included.



- Battery Charging Kits



- High Capacity Battery Pack

