



DT340TA Rugged Tablets

Slim, Rugged, Multi-functional Wireless Computing

The DT Research DT340TA Rugged Tablet features the integration of a brilliant 14" touchscreen and high-performance, energy-efficient Intel® Core™ Ultra processor within a slim, lightweight, and durable package. With a 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 DT340TA Rugged Tablet supports a wider working area and detailed application interfaces along with enhanced image and video processing. With an IP65 rating, the DT340TA Rugged Tablet stands up to real-world use in demanding or mission-critical environments.

Features



- 14" highness touchscreen 1000 nits, digital pen support
- Intel® Core™ Ultra 5/7 processor
- NIST compliant BIOS available
- Built-in smart card/CAC reader
- Dual high-capacity, hot-swappable battery packs
- IP65-rated for water and dust resistance
- Foldable tabletop stand



Major Options

- NVIDIA RTX A1000, RTX A2000, RTX A4500, or RTX 5000A Graphics card
- 4G LTE
- Dual pass through antennas for the docking cradle
- GPS module
- 5 MP front camera and 13 MP back camera

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

Specifications



Model	DT340TA
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System	
CPU	Intel® Core™ Ultra 5 processor 225H, 14-core (up to 4.90 GHz) Intel® Core™ Ultra 7 processor 255H, 16-core (up to 5.10 GHz)
GPU	Optional: RTX A1000, RTX A2000, RTX A4500, or RTX 5000A
RAM	16GB to 64GB
Storage	512GB to 2TB Flash
Operating System	Microsoft® Windows® 11 IoT Enterprise
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	Half-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 802.11be 2.4/5/6 Ghz three band
BT	5.4

I/O Ports	
USB Ports	1 x USB3.2 (Type-A), 2 x USB2.0 (Type-A), 1 x USB3.2 latest USB/charging
DC-in Jack	1
Ethernet	1 x RJ45 connector for Ethernet
SIM Card Slot	1

Mechanical and Environmental	
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 120W (standard) / 230W (with MXM-B GPU)
Battery Pack	2 x 60W Hot-swappable batteries (11.4V, 5400mAh) (Optional) 2 x 90W 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	8.06 lbs/3.66 kg
Water and Dust Resistance	IP65
Regulatory	FCC Class B, IC, CE, RoHS, CB, RCM
Temperature	Operation*: -30°C to 60°C (-22°F to 140°F) Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% non-condensing

Major Options	
Antenna	Dual pass through antennas integrated in the docking cradle
Mobile Broadband	4G LTE
Camera	5 MP front camera and 13 MP back camera
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 (pen tip included) 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

- Battery Gang Charger



- Sealed IP68 USB Keyboard

- Sealed IP68 BT Keyboard



- High Capacity Battery Pack

- AC/DC Power Adapter with Power Cord



Product Configurator

www.dtresearch.com/productconfig