



DT302PA Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The DT302PA Rugged Tablet features the integration of a sunlight-readable 10.1" capacitive touchscreen and a high-performance, energy-efficient Intel® Core™ Ultra processor within a slim, lightweight, durable casing. With a built-in Wi-Fi module as well as options for front/ back cameras, barcode scanner, smart card/CAC reader, RFID and GNSS data capture modules, these robust tablets offer seamless information capture and transmission for improved workflow. IP65 rated, MIL-STD-810H and MIL-STD-461G certified with a wide temperature range, the DT302PA Rugged Tablet provides reliable operation in harsh, mission-critical environments.



Features

- 10.1" LED-backlit, sunlight-readable (1000 nits) touchscreen LCD, digital pen support
- Intel® Core™ Ultra 5/7 processor
- Microsoft® Windows® 11 IoT Enterprise operating system
- NIST compliant BIOS available
- Hot-swappable battery for 24/7 operation
- Built-in microphone and speaker
- Detachable keyboard option for 2-in-1 applications
- IP65 rated, MIL-STD-810H and MIL-STD-461G certified
- Quick access SSD
- Energy Star 8.0 certified

Major Options

- 5 MP front camera and 13 MP back camera
- 2D barcode scanner (reads 1D and 2D)
- 4G LTE/5G
- Smart card/CAC reader
- GPS module

* 4G LTE/5G module, 2D scanner and GPS cannot be built onto same device.

Specifications



Model	DT302PA
System	
CPU	Intel® Core™ Ultra 5 processor 225U, 12 core (up to 4.80 GHz) Intel® Core™ Ultra 7 processor 255U, 12 core (up to 5.20 GHz)
RAM	16G to 32G LPDDR5
Storage	512GB to 4TB *Support quick access SSD function to easily replace the SSD without opening the back cover.
Operating System	Microsoft® Windows® 11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	10.1" LED-backlit, sunlight-readable (1000 nits) touchscreen LCD
Display Resolution	1920 x 1200
Switch and Buttons	1 x power button, 2 x brightness control buttons, 5 x programmable buttons
Microphone	Built-in microphone
Speaker	Built-in 2W speaker

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz three band
BT	5.4

I/O Ports

USB Ports	1 x USB3.2 (Type-A), 1 x USB3.2 latest USB/charging	Standard
Headset Jack	1 (3.5 mm)	
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN	
DC-In Jack	1	
24-pin Fischer Minimax Connector	1 x USB2.0, COM port, RJ45, power 5A (in), and power 2A (out)	Optional

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.42A (65W)
Battery Pack	43W Hot-swappable battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating
Dimensions (H x W x D)	7.7 x 10.71 x 0.79 in/195.6 x 272 x 20 mm
Weight	3 lbs/1.32 kg
Durability	IP65, MIL-STD-810H and MIL-STD-461G certified
Regulatory	CE, FCC Class B, IC, CB, RCM, IEC 60601-1, IEC62680, EPEAT, Energy star 8.0
Temperature	Operation*: -10°C to 60°C (14°F to 140°F) Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% Non-condensing

Major Options

Barcode Scanner	2D barcode scanner (reads 1D and 2D)
Camera	5 MP front camera and 13 MP back camera
GNSS	GPS
Mobile Broadband	4G LTE/5G
Smart Card/CAC Reader	Half slot (supports ISO 7816 T=0, T=1); 1.8V/3V/5V smart card

* 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



Slim Detachable Keyboard

Designed to connect to DT302PA tablet without switching and pairing.



Tablet Mount Cradle

Offers tablet storage and security with power supply and I/O ports.



VESA Mounting Bracket

Offers tablet storage and security.



Battery Charging Kits



Battery Pack

