



DT312RP Rugged Tablet

Slim, Rugged, Multi-Functional Wireless Computing

The DT312RP Rugged Tablet features the integration of high-brightness 11.6" touchscreen and a high performance, energy-efficient Intel® Core™ processors within a slim, lightweight, durable package. With a built-in Wi-Fi module as well as optional front/ back cameras, barcode scanner and GNSS data capture modules, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810H/461G and HERO certified with a wide temperature range, the DT312RP Rugged Tablet provides reliable operation in harsh, mission-critical environments.



Features

- 11.6" sunlight readable touchscreen, digital pen supported
- Intel® Core™ i5/i7 processor
- Microsoft® Windows® 11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- MIL-STD-461G for EMI and EMC tolerance
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Slim keyboard option for 2-in-1 applications
- Quick Access SSD

Major Options

- 5 MP front camera/8 MP back camera
- 4G LTE/AWS
- GPS
- Barcode scanner

Specifications



Model	DT312RP
System	
CPU	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz
RAM	8GB
Storage	512GB to 2TB Flash *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	11.6" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen
Display Resolution	1920 x 1200
Switches & Buttons	1 x Power Button, 2 x Brightness Buttons, 5 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 Interface

USB Ports	1 x USB 3.0, 1 x USB Type-C
Headset Jack	1 (3.5 mm)
DC IN Jack	1
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A
Enclosure	ABS + PC Plastic and Magnesium-Aluminum Alloy
Battery Pack	Hot-Swappable Battery (11.4V, 3800mAh) (Optional) 60W Hot-Swappable Battery (11.4V, 5400mAh) (Optional) 90W Hot-Swappable Battery, (11.4V, 8000mAh)
Dimensions (H x W x D)	8.3 x 12.4 x 0.78 in/212 x 316 x 20 mm
Weight	3.43 lbs/1.55 kg
Temperature	Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) *For battery optimal functionality and performance, the recommended usage temperature range is from 0°C ~ 50°C (32°F ~ 122°F) Storage: -50°C to 70°C (-58°F ~ 158°F)
Humidity	0% – 90% Non-Condensing
Certifications	FCC Class B, CE, RoHS Compliant
Durability	IP65, MIL-STD-810H and MIL-STD-461G Certified
Hazard of Electromagnetic Radiation to Ordnance (HERO) Testing	Yes

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
Camera	5MP Front Camera & 8MP Back Camera
GNSS Module	U-blox M9N GNSS Module
Mobile Broadband	4G LTE/AWS

Accessories

The DT312RP Tablet has customized accessories to meet numerous deployment needs.

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 Keyboard

Designed to connect to DT312RP tablet without switching and pairing



Battery Charging Kits



High Capacity Battery Pack

