



10.1" Fully Rugged Tablet CT-RU101PA

Intel® ATOM™ E3827 Processor

Full IP65

**MIL-STD-810G Drop, Shock and
Vibration Resistance**

Wide Expansion Design for Data Capture

1000 Nits Sunlight-Readable Display

**GNSS, Wi-Fi, Bluetooth, and Optional 4G
LTE**

**Capacitive Multi-Touch Supports Gloved
Touch, Water Rejection and Palm
Rejection**

Long Life, Revision Controlled

Don't let its stylish design fool you, Contec's CT-RU101PA 10.1" tablet is ready to take on the harshest environments. This fully rugged tablet features IP65 protection from dust and liquids, MIL-STD-810G rated drop, shock, and vibration resistance, and a wide temperature range of -4 to 122 degrees Fahrenheit. The CT-RU101PA is the first in its class with a 1000 nit sunlight-readable display for optimal performance outdoors. Powered by the Intel® Atom™ E3827 processor and equipped with the latest communication technology, The CT-RU101PA offers the performance and durability you need for optimal productivity, anytime, anywhere.

Specifications

System		I/O Ports	
Model	CT-RU101PA	USB 2.0 Type A	x1
CPU	Intel® ATOM™ Processor E3827 (1.75 GHz)	USB 3.0 Type A	x1
System Memory	1x DDR3L SO-DIMM up to 4 GB	RS232 (optional USB 2.0 Type A)	x1
Ethernet	Gigabit Ethernet (RJ45)	Audio headset Jack	x1 (Headphone / microphone combo)
Security	TPM 1.2, Phoenix SecureWipe by request	Docking connector	x1 (12-pin)
Storage	128G mSATA SSD Optional: 256GB mSATA SSD	Micro SD slot	x1
Expansion Slot	1x mPCIe (full size)	Micro SIM slot	x1
Communication	WiFi 802.11 a/b/g/n/ac, Bluetooth V4.0 + EDR, GNSS, 4G LTE (optional), NFC (optional)	Micro HDMI	x1
OS Support	Windows® 10 IoT Enterprise, Linux	RF Pass-through Connector for WLAN/GNSS/WWAN	x2
Barcode Scanner	Optional 1D/2D integrated barcode scanner		
Display and Touch		Power Requirements	
LCD Size / Type	10.1" TFT LCD	AC adapter	65W, 100-240V AC, 50/60Hz
Panel Ratio	16:10	Battery	4500mAh hot-swappable battery, 6 hours battery life ¹ 9000mAh hot-swappable battery, up to 12 hours battery life (optional) ¹
Max. Resolution	1920 x 1200 (Pixels)		
Max. Brightness	1,000 nits	Environment	
Touch Screen	PCAP Multi-Touch supports gloved touch, water rejection, palm rejection	Operating Temperature	-20 to 50 °C
Glass Type	2mm hard top Gorilla Glass	Storage Temperature	-30 to 70 °C
Rubber Bumper	Integrated	Operating Humidity (RH)	95% (non-condensing)
Physical Properties		IP Rating	Full IP65
Rubber Bumper	Integrated	Ruggedness	MIL-STD-810G certified, 5-foot drop resistance
Dimensions (WxDxH)	280 x 195 x 23 (mm)	Regulatory Certifications	
Net Weight	1.33 Kg (2.93 lbs) ²	EMC & Safety	FCC-B, CE, CB

1. The specified battery life was defined by MobileMark 2012 productivity mode testing with the wireless on. Battery life rating is for comparison purposes only. Actual battery life may vary based on configuration, application, power management, and operating conditions.
2. Actual weight varies by configurations and optional accessories

* Specification subject to change without notice. Updated 23-Jun-2020.

I/O Diagram



Accessories



Shoulder Strap



Top Carry Handle



Hand Strap



Car Adapter



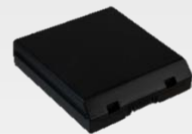
Desktop Dock USB2.0
x 4/RJ45 x 1/VGA
x 1/HDMI x 1



Dual-Bay Battery Charger



Standard 4500mAh Battery



Standard 9000mAh Battery

Ordering Information

Part Number	Description
CT-RU101PA-W4100	10.1" rugged tablet w/Windows® 10 IoT, 128 GB SSD, 4GB RAM
CT-RU101PA-W4200	10.1" rugged tablet w/Windows® 10 IoT, 256 GB SSD, 4GB RAM
CT-RU101PA-W410L	10.1" rugged tablet w/Windows® 10 IoT, 128 GB SSD, 4GB RAM, 4G LTE
CT-RU101PA-W420L	10.1" rugged tablet w/Windows® 10 IoT, 256 GB SSD, 4GB RAM, 4G LTE
CT-RU101PA-X4XXX	Additional configuration options (Part numbers defined by option selection)

Accessory Part Numbers	
22933	Shoulder Strap with D Rings
22934	Top Carry Handle with D Rings
22935	Hand Strap with D Rings
22937	Car Adapter4500mAh Battery
22938	Desktop Dock USB2.0 x 4/RJ45 x 1/VGA x 1/HDMI x 1
22939	Dual-Bay Battery Charger
22940	Standard 4500 mAh Battery
22941	Extended 9000 mAh Battery
22936	D Rings x4

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