



## 10.4" Fully Rugged Tablet CT-RU104PA

**Intel® ATOM™ E3827 Processor**

**Full IP65**

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

**Wide Expansion Design for Data Capture**

**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-RU104PA 10.4" 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. Powered by the Intel® Atom™ E3827 processor and equipped with the latest communication technology, The CT-RU104PA offers the performance and durability you need for optimal productivity, anytime, anywhere.

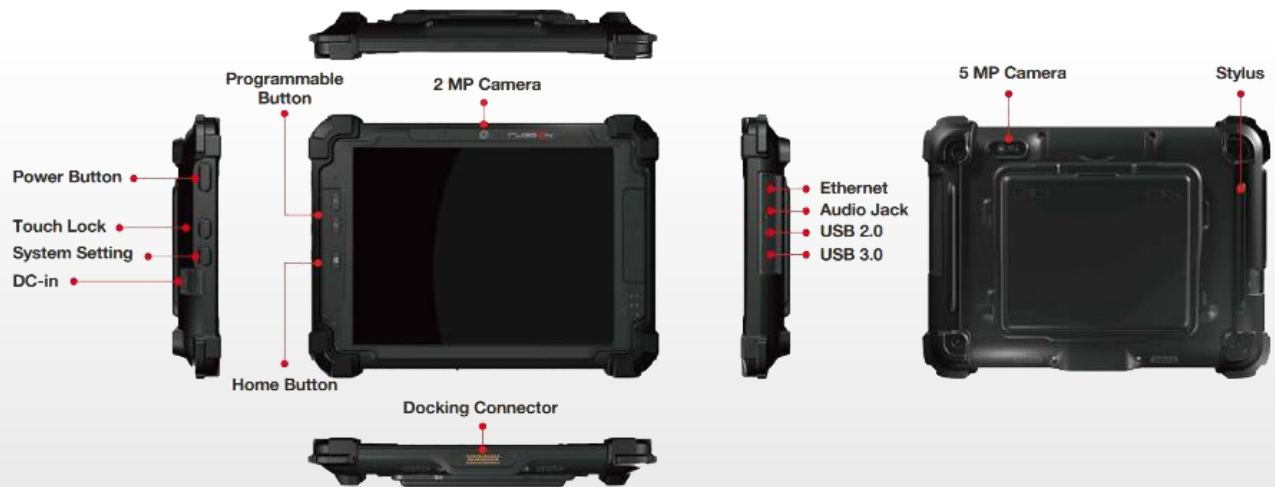
# Specifications

System		I/O Ports	
<b>Model</b>	CT-RU104PA	<b>USB 2.0 Type A</b>	x1
<b>CPU</b>	Intel® ATOM™ Processor E3827 (1.75 GHz)	<b>USB 3.0 Type A</b>	x1
<b>System Memory</b>	1x DDR3L SO-DIMM up to 4 GB	<b>RS232 (optional USB 2.0 Type A)</b>	N/A
<b>Ethernet</b>	Gigabit Ethernet (RJ45)	<b>Audio headset Jack</b>	x1 (Headphone / microphone combo)
<b>Security</b>	TPM 1.2	<b>Docking connector</b>	x1 (32-pin)
<b>Storage</b>	64G mSATA SSD Optional: 128GB mSATA SSD	<b>Micro SD slot</b>	x1
<b>Expansion Slot</b>	N/A	<b>Micro SIM slot</b>	x1
<b>Communication</b>	WiFi 802.11 a/b/g/n/ac, Bluetooth V4.0 + EDR, GNSS, 4G LTE (optional)	<b>Micro HDMI</b>	N/A
<b>OS Support</b>	Windows® 10 IoT Enterprise Optional: Linux	<b>RF Pass-through Connector for WLAN/GNSS/WWAN</b>	N/A
<b>Barcode Scanner</b>	Optional 1D/2D integrated barcode scanner	<b>Power Requirements</b>	
<b>Display and Touch</b>		<b>AC adapter</b>	65W, 100-240V AC, 50/60Hz
<b>LCD Size / Type</b>	10.4" TFT LCD	<b>Battery</b>	3800mAh standard battery Optional" 4500mAh hot-swappable battery
<b>Panel Ratio</b>	4:3	<b>Environment</b>	
<b>Max. Resolution</b>	1024 x 768 (Pixels)	<b>Operating Temperature</b>	-20 to 50 °C
<b>Max. Brightness</b>	350 nits	<b>Storage Temperature</b>	-30 to 70 °C
<b>Touch Screen</b>	PCAP Multi-Touch supports gloved touch, water rejection, palm rejection	<b>Operating Humidity (RH)</b>	95% (non-condensing)
<b>Glass Type</b>	2mm hard top Gorilla Glass	<b>IP Rating</b>	Full IP65
<b>Rubber Bumper</b>	Optional (Not integrated)	<b>Ruggedness</b>	MIL-STD-810G certified, 6-foot drop resistance 2
<b>Physical Properties</b>		<b>Regulatory Certifications</b>	
<b>Rubber Bumper</b>	Optional (Not integrated)	<b>EMC &amp; Safety</b>	FCC-B, CE, CB
<b>Dimensions (WxDxH)</b>	275 x 204 x 27 (mm)		
<b>Net Weight</b>	1.3 Kg (2.87 lbs) 1		

1. Actual weight varies by configurations and optional accessories
2. Testing is conducted and product certified with rubber bumper on. Rubber bumper is an optional item for this model.

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

# I/O Diagram



## Accessories



Rubber Bumper



Shoulder Strap



Hand Strap



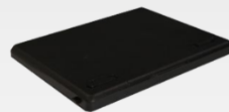
Top Carry Handle



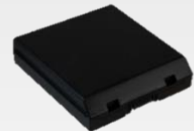
Desktop Dock  
USB2.0 x 4/RJ45 x 1/  
VGA x 1



1-Bay Battery Charger



4200mAh Battery with Hook



Car Adapter

# Ordering Information

Part Number	Description
CT-RU104PA-W4100	10.4" rugged tablet w/Windows® 10 IoT, 128 GB SSD, 4GB RAM
CT-RU104PA-W4200	10.4" rugged tablet w/Windows® 10 IoT, 256 GB SSD, 4GB RAM
CT-RU104PA-W410L	10.4" rugged tablet w/Windows® 10 IoT, 128 GB SSD, 4GB RAM, 4G LTE
CT-RU104PA-W420L	10.4" rugged tablet w/Windows® 10 IoT, 256 GB SSD, 4GB RAM, 4G LTE
CT-RU104PA-X4XXX	Additional configuration options (Part numbers defined by option selection)

Accessory Part Numbers	
22942	Rubber Bumper
22943	Shoulder Strap with D Rings
22944	Top Carry Handle with D Rings
22945	Hand Strap with D Rings
22946	D Rings x4
22947	Desktop Docking USB 2.0 x 4/RJ45 x 1/VGA x 1
22948	1-Bay Battery Charger
22950	4200mAh External Battery with Hook

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