6'Drop

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.
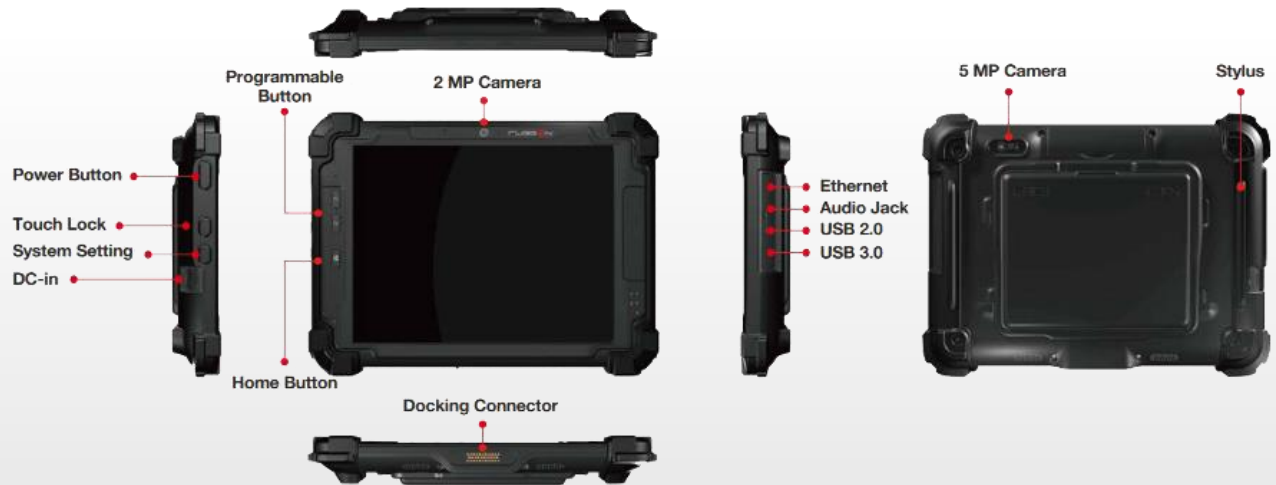
Specifications

System

Model	CT-RU104PA
CPU	Intel® ATOM™ Processor E3827 (1.75 GHz)
System Memory	1x DDR3L SO-DIMM up to 4 GB
Ethernet	Gigabit Ethernet (RJ45)
Security	TPM 1.2
Storage	64G mSATA SSD Optional: 128GB mSATA SSD
Expansion Slot	N/A
Communication	WiFi 802.11 a/b/g/n/ac, Bluetooth V4.0 + EDR, GNSS, 4G LTE (optional)
OS Support	Windows® 10 IoT Enterprise Optional: Linux
Barcode Scanner	Optional 1D/2D integrated barcode scanner

Display and Touch

LCD Size / Type	10.4" TFT LCD
Panel Ratio	4:3
Max. Resolution	1024 x 768 (Pixels)
Max. Brightness	350 nits
Touch Screen	PCAP Multi-Touch supports gloved touch, water rejection, palm rejection
Glass Type	2mm hard top Gorilla Glass
Rubber Bumper	Optional (Not integrated)

Physical Properties

Rubber Bumper	Optional (Not integrated)
Dimensions (WxDxH)	275 x 204 x 27 (mm)
Net Weight	1.3 Kg (2.87 lbs) [1]

I/O Ports

USB 2.0 Type A	x1
USB 3.0 Type A	x1
RS232 (optional USB 2.0 Type A)	N/A
Audio headset Jack	x1 (Headphone / microphone combo)
Docking connector	x1 (32-pin)
Micro SD slot	x1
Micro SIM slot	x1
Micro HDMI	N/A
RF Pass-through Connector for WLAN/GNSS/WWAN	N/A

Power Requirements

AC adapter	65W, 100-240V AC, 50/60Hz
Battery	3800mAh standard battery Optional" 4500mAh hot-swappable battery

Environment

Operating Temperature	-20 to 50 °C
Storage Temperature	-30 to 70 °C
Operating Humidity (RH)	95% (non-condensing)
IP Rating	Full IP65
Ruggedness	MIL-STD-810G certified, 6-foot drop resistance [2]

Regulatory Certifications

EMC & Safety	FCC-B, CE, CB

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 ítem for this model.

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

I/O Diagram

Programmable Button
2 MP Camera
Power Button
Touch Lock
System Setting
DC-in
Home Button
Docking Connector

5 MP Camera
Stylus
Ethernet
Audio Jack
USB 2.0
USB 3.0

Accessories

Rubber Bumper

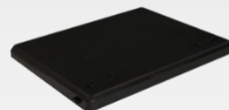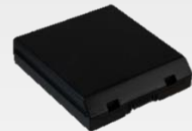Shoulder Strap

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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