

10.1inch Tablet PC CT-RU101PC-W8100



This product is a tablet computer equipped with a 10.1-inch size (WXGA 1280 x 800) PCAP touch screen. In addition to a smart card reader that can read IC cards, it also comes standard with the NFC standard. There is an RJ-45 interface on the tablet body, 2x USB3.0 and Micro HDMI interfaces. By using the accessory docking station, 1x RS-232, 2x USB 2.0 and 1 x VGA can be used. Also meets MIL standards. It is a robust tablet that can be used for multiple purposes.

- *The contents in this document are subject to change without notice.
- *Visit the CONTEC website to check the latest details in the document.
- *The information in the data sheets is as of February, 2025.

Features

Portable 10.1" tablet PC

This model is ideal for working while moving in factories and warehouses, and can also be used as a desktop model in combination with a docking station.

Conforms to MIL standards established by the U.S. Department of Defense MIL-STD-810G

It is a highly durable model as it passes quality standards that allow it to be used without problems even under harsh environmental conditions.

IP 65 grade dust proof, drip proof performance

It is resistant to dust and water droplets and can be used in a wide range of environments.

Even if there is a power outage, the battery will last for about 9 hours. Furthermore, since it is a hot-swappable model, it can be used for even longer when combined with a spare battery.

Wi-Fi, Bluetooth, and NFC write/read standard

This device combines Wi-Fi, Bluetooth, and NFC for seamless communication and data transfer, expanding installation options and saving on wiring.

A wide range of accessories to suit your needs

Available as a hand strap for portability, a docking station for desktop use, or a VESA mount for wall or device mounting, we provide a variety of accessories to suit your needs.

Specifications

Function specification

Item	Description
CPU	Intel Pentium N4200 (1.10GHz 4-core)
System Memory	DDR3L 8GB
Storage	128GB M.2 3D TLCSSD
Display	10.1" 1280 x 800 (WXGA) Projected Capacitive Touch Screen, Multi touch 10 points Microsoft pen protocol (MPP) supported
Button	Power
Power	100 - 240VAC, DC: support 12/19/24V
Audio	1w x2, Stereo type Internal Microphone: Stereo (set with Camera module)
Sensors	Light Sensor, E-Compass Sensor, G-Sensor, Gyro Sensor
I/O ports	- USB3.0 x2 - Headphone out x1 (headphone/microphone combo jack, 3.50) - Power jack x1 (19V 8.24V) - Micro SD slot x1, SDXC type, (SD 4.0) - Pogo pin x1 - RJ-45: x1, Intel WGI211AT or 210AT - Micro HDMI (Output) x1
Battery	Battery 1 Li-Polymer, 41Wh, 5550mAh, Packswappable Battery 2 Li-Polymer Bridge battery: > 1 min, hot swap time *1 Battery Life: over 9 hrs
Security	Kensington x1, TPM 2.0
Wireless LAN + Bluetooth	Intel AC8265 802.11 ac/a/b/g/n (follow TELECOM)
Dimension (mm)	279 (L) x 192.5 (W) x 17.9 (H)
Weight	1kg
Camera	2M Pixel front camera w/ALS and D-MIC 5M Pixel rear camera + Auto Focus w
Smart card reader	Support
NFC	Support
Officed docking I/O	USB3.0 x2, USB2.0 x2, Power Jack x1, LAN port x1, Pogo Pin x1, VGA output x1, RS-232C x1

*1 after entering S3 mode to replace the battery and less than 1 minute hot swap time

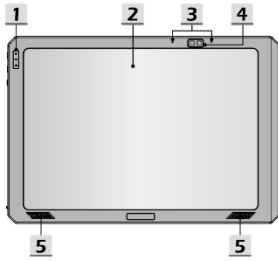
Installation Environment Requirements

Item	Description
Operating temperature	0 - 40°C (32°F - 104°F)
Storage temperature	-20 - +60°C (-4°F - +140°F)
Humidity	10 - 95% @40°C (No condensation)
Front Panel Protection	IP65
Certification	FCC Class B, VCCI Class B, CE Marking (EMC Directive Class A, RoHS Directive), RCM, TELECOM (set with the certified wireless module), BSMI

Intel, Intel Core and Celeron are registered trademarks of Intel Corporation. MS, Microsoft and Windows are trademarks of Microsoft Corporation. Other brand and product names are trademarks of their respective holder.

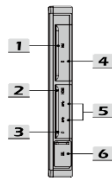
Component Name

Front View



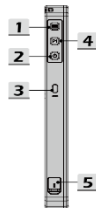
1	Power / Battery status / Drive activity indicator
2	Touch screen
3	Internal microphone
4	Front camera
5	Speaker

Right Side View



1	Smart Card Reader (SCR)
2	Micro HDMI Port
3	Headphone Jack
4	Micro SD Card Slot
5	USB3.0 Port
6	RJ-45 Connector

Left Side View



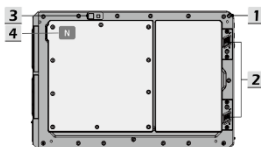
1	Bar Code Scanner Trigger (not used)
2	Power Button
3	Kensington Lock
4	User Defined
5	DC-in Jack

Rear Side View



1	Dock Connector
---	----------------

Bottom Side View



1	Active Stylus (optional)
2	Battery Latch
3	Rear Camera
4	NFC

Included Items

The Main Body...1
AC Adapter (19VDC 3.42A)...1
AC Cable...1
Product Guide...1

Supported OS

Windows 10 IoT Enterprise 2019 LTSC 64bit (English / Chinese / Japanese / Korean)

List of Option

Item	Model	Description
Docking station	CT-OPT-DOCK01	Docking station with charger function
VESA mount	CT-OPT-VESA01	VESA mount 75 x 75mm, 100 x 100mm
Protective cover & Hand strap kit	CT-OPT-COVER01	Convenience/Protect kits for device
Battery	CT-OPT-BAT01	Li-Polymer, 41Wh, 5550mAh

Docking station



VESA mount



Protective cover & Hand strap kit



Battery



CAUTION

If a product other than our optional one is used, the normal operation may be impaired or the functions may be limited.

* Visit the CONTEC website for the latest optional products.