

RTC-I81

8-inch , Celeron N5100, Windows 10/11, Rugged Tablet Computer



Features

- 8" rugged tablet with 11th Gen Intel Celeron N5100 processor and Windows 10/11
- Integrated 1D/2D Barcode Reader, NFC/RFID , Fingerprint Module
- Support 4G LTE, WLAN, BT & GNSS
- I/O Interface: RS232/RJ45 Ethernet/USB/HDMI
- Removable high-capacity battery design
- IP67 and 1.22m drop certified

Specifications

Standard Configuration

Dimension	236.5 x156.7 x23mm
Weight	900g
Color	black
LCD	8-inch 16:10 TFT IPS LCD, 800*1280, 400cd/m ² , Optional 750cd/m ²
Touchscreen	10 point capacitive touch screen, G+G, gorilla glass, hardness 7H
Camera	Front 5MP fixed focus camera, Rear 8MP autofocus camera with flash
Speaker	8Ω/1W, Stereo dual speakers
MIC	Built-in microphone
Battery	Removable polymer Li-ion battery, 7.6V 5000mAh
Battery Life	6 hours (1080P video is played at 50% brightness by default)

System Hardware Configuration

CPU	Intel JASPER LAKE N5100, 4 MB SmartCache, Up to 2.8GHz
GPU	Intel HD Graphics Gen 11 LP
RAM	4GB LDDR4 (Optional 8GB)
ROM	64GB SSD (Optional 128GB/256GB)
Sensor	G-sensor

Network Connections

WIFI	WIFI 802.11(a/b/g/n/ac) 2.4G+5.8G
Bluetooth	BT4.2 (BLE) class1, Transmission distance, 10m
4G	LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD B40 WCDMA: B1/B5/B8 GSM: 900/1800
GPS	GPS/Glonass/beidou(G+G+B)

Data Collection (Optional)

NFC	13.56MHz, Support ISO/IEC 14443A/14443B/ 15693/18092/mifare, Card reading distance: 2~5cm
RFID	HF: 13.56MHz, Support ISO/IEC 14443A/14443B/15693 UHF: PR9200 / R2000
2D Scan Reader	Optical resolution: 5mil, scanning speed: 50 times/s
Fingerprint	ISO/FBI Certification

I/O Interface

TF Card	TF card slot x1, Up to 256GB
SIM Card	Micro SIM card slot x1
USB Type-C	Type-C x1, Charging and data transmission
USB Type-A	USB 3.0 x1
Earphone Jack	3.5mm standard earphone jack x1
HDMI	Mini HDMI 1.4a x1
Ethernet	RJ45 x1, 10/100/1000M
Pogo Pin	12pin*1
Aviation Plug	Aviation Plug x2 (Optional), USB/RS232/DC-IN (three choose two)

Keys and Indicators

Function Key	Function key x2
Power Key	Power key x1
Volume Key	Volume+ x1, Volume - x1
Indicator	Battery indicator light x1

Software

OS	Windows 10/11
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Reliability

Drop	1.22m drop
Dustproof and Waterproof	IP67
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
OSD	Contact discharge : ±5kV , Air discharge : ±10kV
Humidity	95% Non-Condensing

Dimensions

