IPC4

IPC4-RT-I10A

10.1 inch
Rugged Tablet PC

Performance to a new level

Windows · IP65 · GNSS · Dual-battery · Bluetooth

2D · NFC · 4G · WIFI · Camera

Performance

· Intel Core i5–1235U/i7–1255U processor

· Windows 11 OS and 8GB RAM＋128GB storage

· 10.1 inch IPS Full HD screen with 10–point capacitive touch

Communication

· 2.4G/5.8G Dual band WIFI 6

· High speed 4G LTE

· BT 5.1 fast transmission

Features

· Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)

· Support GPS, BDS and GLONASS

· Equipped with multiple accessories, like docking charger, hand–strap, vehicle mount, car charge, carry handle

Reliability

· IP65 Waterproof and Dustproof, Anti–Static

· Vibration & 1.22m drop resistant

· MIL–STD–810G certified

Product Six Views

Front Camera
Corning gorilla glass touch panel
Scanning Button
Home Button
Volume Button +
Volume Button −
Power on/off Button

Audio port
HDMI port
SIM card slot, TF card slot
USB 3.0 port
Type C port
Power DC Jack

Interface lock

289.9mm

27.4mm

196.7mm

Battery Switch Latch
Battery
Rear Camera
RJ45, RS232, USB2.0, 2D 4 choose 1
Heat dissipation fan
Battery Lock
NFC Reader
Fingerprint Reader
Protection corner

pogo pin interface

* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters

Dimension	289.9 x 196.7 x 27.4mm
Weight	device unit 1140g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200×1920, 700nits/400nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type–A x 1, USB Type–C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional
Fingerprint	SPI fingerprint (power on login)

Battery

Capacity	7.4V/700mAh
Type	Built–in Li–polymer battery

Battery

Capacity	7.4V/5000mAh
Type	Removable Li–polymer battery
Endurance	4.5h (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter

CPU	Intel Core i5–1235U/i7–1255U
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 16GB, Up to 64GB
Storage	128GB, Optional 256GB, Up to 512GB

Network connections

WIFI	Wi–Fi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G/5.8G)
Bluetooth	BT5.1
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Built–in GPS, Glonass, Optional Beidou

Reliability

Operate Temperature	–20 ℃ ~ 60 ℃
Store Temperature	–30 ℃ ~ 70 ℃
Humidity	95% Non–Condensing
Rugged Feature	IP65 certified, MIL–STD–810G certified
Drop Height	1.22m drop
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge

Extension modules（1 out of 4）

Ethernet interface	RJ45 (10/100M) x 1, Support customized (10/100/1000M)
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	Honeywell N3680, Optical resolution: 5mil/ scan speed: 50 times/s

Accessories

| Docking Charger | Hand–strap | Vehicle Mount | Car Charge | Removable Battery | Carry handle |

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.

| Outdoor Exploration | Manufacturing Industry | Finance | Animal Husbandry |