Rugged Tablet Win Series
12.2" Embedded CPU
ORT-122-i512



Performance

·Intel Core i5-1235U processor

·Windows 11/10 OS and 16GB RAM＋128GB storage

·12.2 inch IPS Full HD screen with 10-point capacitive touch

Communication

·2.4G+5.8G Dual band WIFI 6

·Optional high speed 5G

·BT 5.1 fast transmission

Features

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

·Support GPS, GLONASS, optional Beidou

·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



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Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	Device unit 1500g
Device Color	Black
LCD	12.2 inch IPS 16:10, 1920×1200, 650nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.1 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 2.1a Mini x 1, 12PIN 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, 13.56MHz, Card reading distance: 4cm
Fingerprint	Standard
RTC Battery	3V 210mAH
Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Battery	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	4.5hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel Core i5-1235U
OS	Windows 11/ 10
RAM	16GB
Storage	128GB / 256 GB / 512 GB
Network connections	
WIFI	WiFi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G+5.8G)
Bluetooth	BT5.1 Transmission distance: 10m
5G	5G SA&NSA: LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B8 N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N71/N77/N78/N79
GNSS	Support GPS, Glonass, optional Beidou
Reliability	
Operate Temperature	-20 ˚C ~ 60 ˚C
Store Temperature	-30 ˚C ~ 70 ˚C
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 (Standard, 10/100/1000M) x 1
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

Accessories


Docking Charger


Hand-strap


Vehicle Mount


Carry handle


Removable Battery


Quad charging

Application Range

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


Outdoor Exploration


Manufacturing Industry


Finance


Animal Husbandry