

10.1 inch

Rugged Tablet PC

FIELD-LQ10-N5100

Professional



Ex ATEX-B



II 3G Ex ic op is IIC T4 Gc
II 3D Ex ic op is IIIB T130°C Dc



Windows



IP65



GNSS



High-capacity
battery



Bluetooth



Camera



4G



WiFi



2D



NFC

Performance

- Intel Jasper Lake processor Celeron N5100
- 10.1 inch IPS screen, 1920x1200 TFT
- 10-point capacitive touch

Communication

- Extension interface (3 choose 1, RJ45, DB9, USB Type-A)
- Efficient file transfer rely on advanced USB Type-A/Type-C 3.0/3.1 I/O port
- Optional high performance 2D imager designed to data capture

Product Six Views



Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Symmetric speakers. More immersive, more clear.
- User-friendly buttons designed for efficient action

Reliability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dustproof, MIL-STD-810G certified
- Removable 5000mAh battery & New battery-free working mode
- Approved ATEX 2/22 Zone explosion-proof certification for use in potentially explosive and hazardous environments.
- Certified by CECP, significantly improving the energy efficiency ratio and energy saving performance.

Specification Parameter

Basic parameters	
Dimension	274.9 x 188.7 x 23.1mm
Weight	Device unit 1140g
Device Color	Black
LCD	10.1 inch FHD 16:10, 1920x1200, 400 nits, Optional, HD 16:10, 1280x800, 700 nits
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C 3.1 x 1, SIM Card, TF Card (Three in one card holder), HDMI 2.0a Mini x 1, 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Extension interface (3 choose 1)	RJ45 (10/100M) x 1, DB9 (RS232) x 1, USB 2.0 Type-A x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 19V/3.42A

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11/10
RAM	8GB
Storage	128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable LI-polymer battery
Endurance	8hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G	LTE FDD: B1/B3/B7/B8/B20, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM: B3/B8
GNSS	Support GPS, Glonass
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
Data Collection	
2D	Optional
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

Accessories



Hand-strap



Docking Charger



Car Charge



TP Resist film



Vehicle Mount



Back-strap



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